



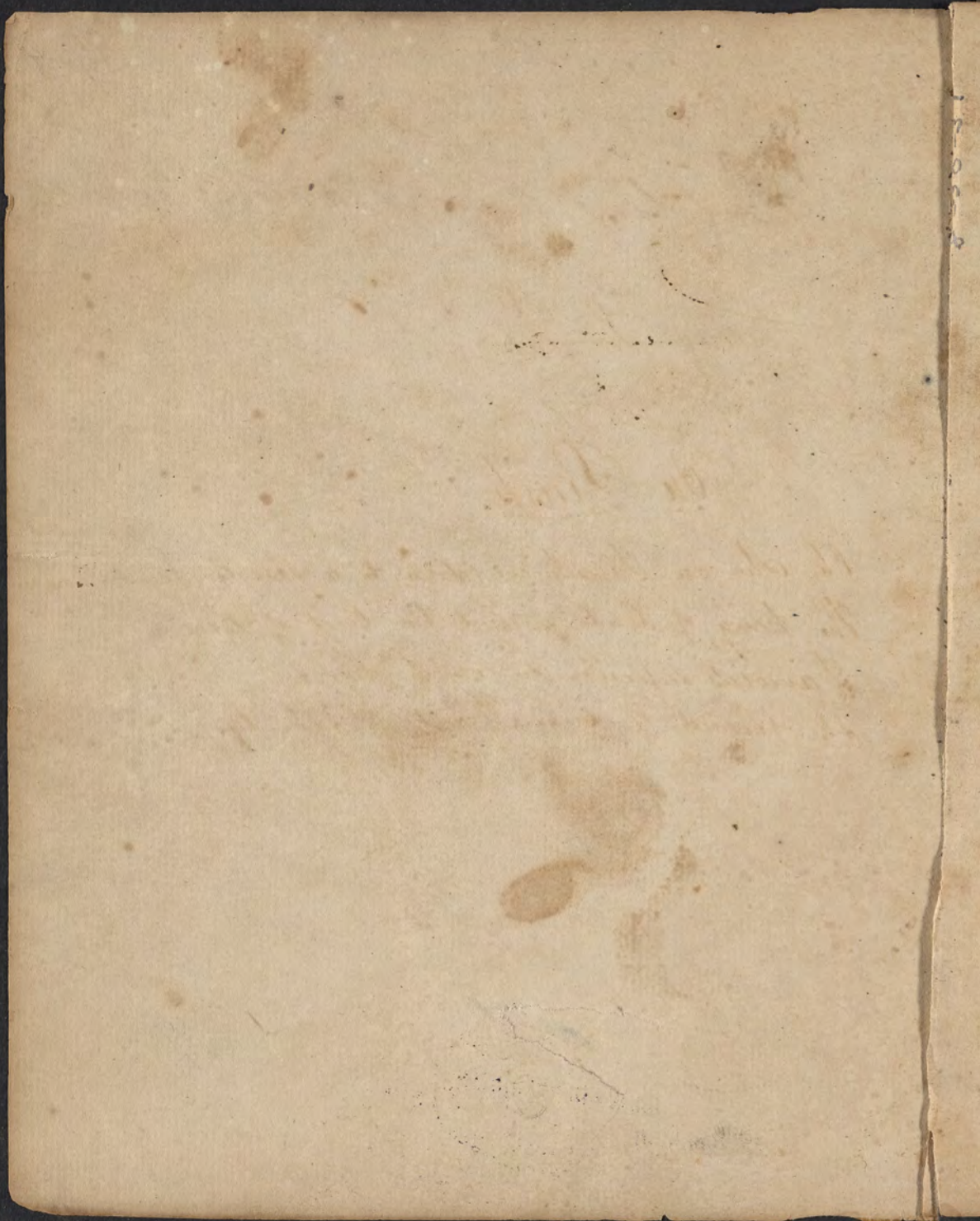
Dr. J. A. F. ...  
Ex libris Augusti Hücklenberg  
January 17<sup>th</sup> 1850

George A. Schman  
A. Hücklenberg

h. l. a. d. e.

January 16, 1851







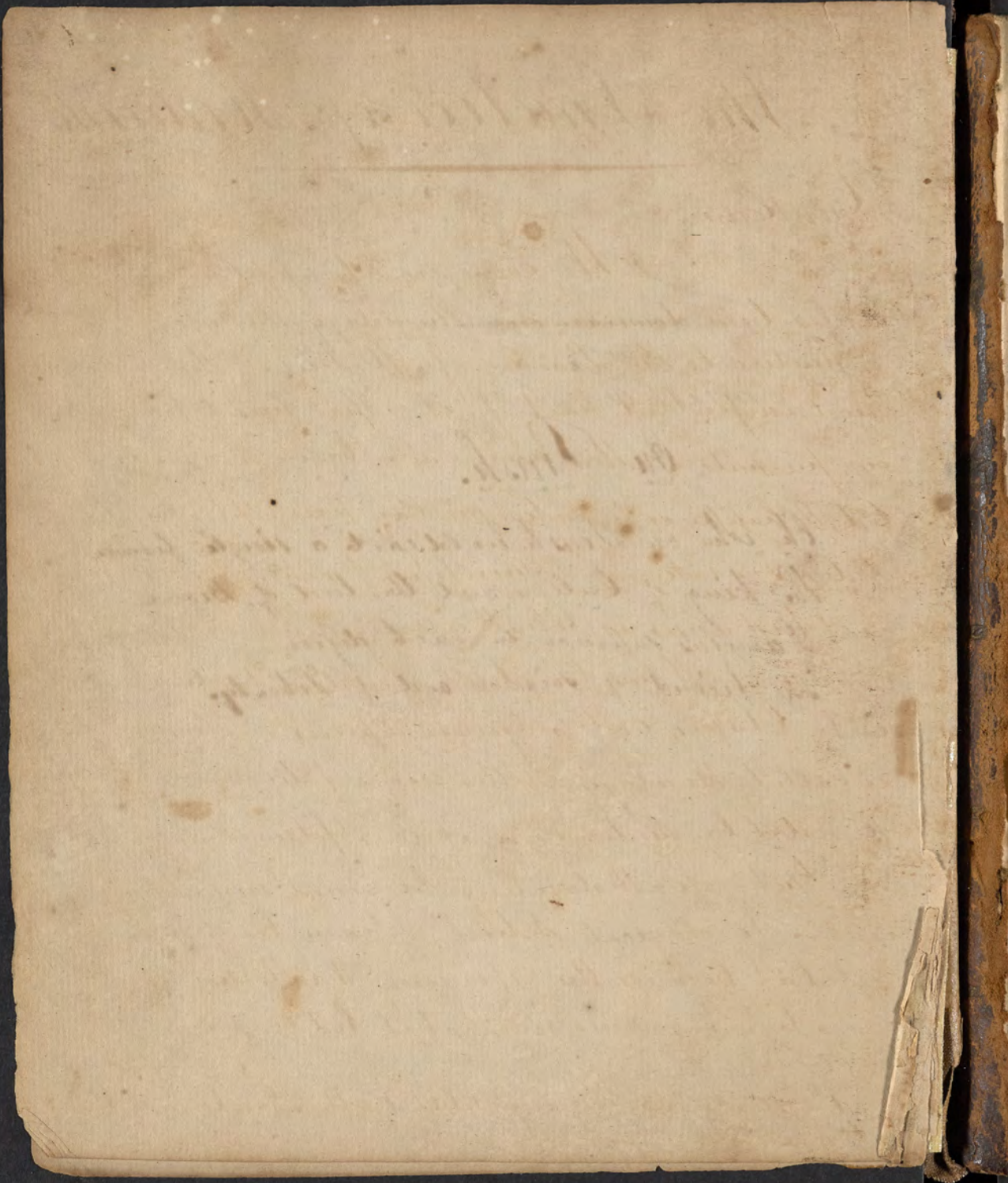
George F. Johnson  
and  
Mendenhall.  
On Rush.

Oh! who on Rush could cast a single frown?  
The king of Cullen and the lord of Brown,  
Darwin's superior in each degree  
The friend of Science and of Liberty.

x. most respectful remembrance —









# The Practice of Medicine

Gentlemen

We come now to apply the principles laid down in our Physiology, Pathology & Therapeutics to the Practice of Medicine. This is the most important part of - it is that point to which all our pursuits in the science of Medicine are directed, & happy is he who from the principles laid down deduces a rational & successful practice. The question that first arises is what arrangement in diseases is proper? It has long been a custom to divide them into Classes, Orders, Genera, Species & this is what is called Nosology. This mode of division was first suggested by Sydenham, it was followed by Cullen &c. - But notwithstanding I received my education in a Nosological School, I have long since rejected it because the experience & reflection of many years have informed me that it led to many errors in medicine.

1<sup>st</sup> Nosology is incompatible with Anatomy & Phys.







riology for 1<sup>st</sup> Many diseases have been discovered on dissection w<sup>th</sup> during life gave no pain - 2<sup>nd</sup> Certain parts of the body are affected by intercommunion of sensation - 3<sup>rd</sup> different parts possess different degrees of sensibility

II Diseases cannot be divided into Classes & like Animals & Vegetables on acct of their several changes from Predisposition, time, Eminent seasons &c for we often see one disease run into another

III It is incompatible with the seats of diseases w<sup>ch</sup> frequently change - The Y. Fever in a few days, often changes & occupies different parts of the system. I once attended a Lady in this disease w<sup>th</sup> appeared first in the Bowels & as Nosologists w<sup>d</sup> term it Enteritis - then in the Stomach, Gastritis & lastly in the Liver Hepatitis of w<sup>ch</sup> she died - so here you see Nosologists would have had 3 different diseases, but that w<sup>d</sup> be erroneous, for there was but one, & that morb. excitent - As well might we attempt to divide the rain w<sup>ch</sup> falls on the hills from that w<sup>ch</sup> falls in the valleys as to divide morb. excitent

Many diseases seated in dissimilar parts exhibit







the same symptoms - Pain is often seated in a part remote from disease & pain has destroyed life without dissection shewing any disease at all

IV It is incompatible with the causes of disease, since debility is only the predisposing cause & morb. excitent<sup>t</sup> the proximate cause, & the same exciting cause brings on different diseases. Disease like fire is an unit, let it be bro't on by what cause it will, for fire is the same let it be produced from whatever cause

V It is incompatible with the proximate cause viz Morb. excitent. wh<sup>ch</sup> produces different degrees of the same disease, as Palsy, Apoplexy, Asphyxia &c - I shall presently show Nosology to be impracticable.

VI<sup>th</sup> It is incompatible with the Character of Epidemics - Epidemics sometimes blend 2 or 3 diseases together. Sydenham mentions that all the diseases succeeding the prevalence of Small pox did homage to it. The Chronic fever of the fall frequently blends itself with the Pleurisy of the winter. An inflammation of the Lungs is precisely the same







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thing whether it be induced by Gout or arises  
from cold. & requires the same remedies to cure it  
Now a Physician who w<sup>d</sup> not believe in the uni-  
ty of disease, will say the inflammatt<sup>n</sup> arising from  
cold & the other, are 2 distinct diseases requiring dif-  
ferent modes of cure

VII Nosology is contrary to truth, this I can  
show five errors in Cullen w<sup>h</sup> leads to incorrect &  
improper treatment

VIII It excludes the diseases of Children for how will  
we tell when they can't speak? It takes no notice  
of the different stages of disease

IX It dooms our domestic Animals to death who  
are unable to describe their diseases. —

X Nosology does great harm 1<sup>st</sup> By preventing  
us from curing diseases, in their forming state & di-  
rects us to wait till disease has put forth its genuine  
colours. I once heard of a Physician in Virginia who  
was called in to a patient & waited 3 or 4 days be-  
fore he prescribed any thing, saying that the disease  
had not yet developed itself to show what class it



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belonged to - 2<sup>o</sup> It leads us to suspect different diseases according to the cause & apply improper remedies. -

3<sup>o</sup> It does harm by having a specific for every disease

4<sup>th</sup> By having a remedy for each symptom - 5<sup>th</sup> By multiplying the names of diseases unnecessarily & each disease must have its different remedy. For I again repeat, that there is but one exciting cause (an irritant) & but one proximate cause of disease, viz morbid excitement & that the same means prevent Gout & Fever. Never will medicine become perfect until we learn to attack disease in its forming state. for the remedies to prevent different diseases are only modifications of prescriptions; for the great indication is the same - Here a question might be asked why Calomel is given in so many diseases? Because it is effectual in diseases of the lungs Stomach Intestines; & in Fever it cures by equalizing excitement. -

6<sup>th</sup> It multiplies medicines unnecessarily - hence the origin of the Lungworts, Liverworts, Spleenworts, Kidneyworts, Brainworts &c - The unity of



The first of these is the fact that the  
 country is a very fertile one, and  
 the soil is very rich. The second  
 is that the climate is very healthy,  
 and the air is very pure. The third  
 is that the water is very good,  
 and the food is very fresh. The fourth  
 is that the people are very kind,  
 and the customs are very simple.  
 The fifth is that the government is  
 very good, and the laws are very  
 just. The sixth is that the  
 religion is very good, and the  
 priests are very kind. The seventh  
 is that the science is very good,  
 and the scholars are very kind. The  
 eighth is that the art is very good,  
 and the artists are very kind. The  
 ninth is that the music is very good,  
 and the musicians are very kind. The  
 tenth is that the dance is very good,  
 and the dancers are very kind. The  
 eleventh is that the game is very good,  
 and the players are very kind. The  
 twelfth is that the sport is very good,  
 and the sportsmen are very kind. The  
 thirteenth is that the exercise is very good,  
 and the exercisers are very kind. The  
 fourteenth is that the recreation is very good,  
 and the recreators are very kind. The  
 fifteenth is that the amusement is very good,  
 and the amusees are very kind. The  
 sixteenth is that the entertainment is very good,  
 and the entertainees are very kind. The  
 seventeenth is that the pastime is very good,  
 and the pastimees are very kind. The  
 eighteenth is that the diversion is very good,  
 and the diversionees are very kind. The  
 nineteenth is that the recreation is very good,  
 and the recreationees are very kind. The  
 twentieth is that the amusement is very good,  
 and the amusementees are very kind.



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disease reduces the medicines of the Med: to a select number w<sup>ch</sup> being varied in the administration will cure every form of disease. —

7<sup>th</sup> It creates unnecessary disputes among Physicians who often differ about the name of a disease I once heard of a Lady in London who being bled was greatly alarmed at a small dark spot near the incision — A Surgeon was called for, who in answer to her question what it was? said it was nothing more than a spot w<sup>ch</sup> frequently succeeded B<sup>lood</sup> & that it w<sup>d</sup> disappear in a few days. This did not satisfy her, & consequently she sent for another Surgeon, who made a similar reply — Her fears were now increased & she sent for a third who upon seeing the spot cried out "Ecchymosis Madam, Ecchymosis Madam" gave her some trifling medicine to apply to the arm & departed — The Lady was then contented & afterwards held this Surgeon in the highest esteem. Remember this Gent: & always be ready to Ecchymose Morb. & cetera<sup>um</sup> until the unity of disease shall be com-







pletely established

8<sup>th</sup> By requiring the exercise of the memory with-  
out the Judgm<sup>t</sup> Cullen's Nosology may be  
compared to a house having 100 Rooms, each re-  
quiring a different key to open it. The unity of  
disease to a master key w<sup>ch</sup> unlocks the whole -  
Nosology requires only to name a disease & to draw  
upon the memory for a remedy, w<sup>ch</sup> fixed in the  
body must cure it. Nosologists have good me-  
mories but bad judgements. Nosology is acqui-  
red with difficulty, but its application to prac-  
tice is very easy - whereas the knowledge of the  
unity of disease is soon acquired, but the prac-  
tice extremely difficult -

Thus Gent: have I convicted Nosology of  
Falshood, Error, Strife, Mischief, & Murder -  
who will say any thing in its behalf? None -  
Then I proceed to pronounce sentence upon  
her - Sentence Pronounced - We ought  
however to know Dr Cullen's manner for diseases  
for many people will think you don't know how



*[Faint, illegible handwriting]*



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to cure them unless you tell them some name for disease. We sh<sup>d</sup> conform so much to custom as to speak of disease in the Plural Number.

Dr Brown has made another division of diseases into Sthenic & Asthenic - Subject to this division 1<sup>st</sup> Because debility is not a disease 2<sup>d</sup> Disease for it in its first stage 3<sup>d</sup> Because weak & strong disease alternates. -

Dr Darwin has divided diseases into those of Irritation, Volition, Sensation, & Association - But as well might we divide the Clouds by their different colours on a windy day, for what has volition to do with diseases, when they all originate for one common cause. His principles are borrowed for Dr Browns & Cullen's & consists only of a new arrangement except the Sympomatics on w<sup>ch</sup> he has thrown considerable light. His Facts have enriched medicine.

I have arranged diseases as they affect particular viscera, Bloodvessels &c &c I hope this arrangement is less exceptionable than others.







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that for its simplicity it will not embarrass  
you. It is however liable to objections. The same  
disease leaps from system to system, perhaps  
before it is cured occupies them all. Hippocrates  
says diseases are a circle to which there is neither be-  
ginning nor end. It is a difficult thing so to ar-  
range disease as to treat of it in order. —

The Unity of disease altho' it does not re-  
quire so great a memory as Nosology, yet it  
does not begot idleness; on the other hand it  
requires very close attention to the remote pre-  
disposing, exciting causes of diseases & also to  
the state of the system; for instance the Unity  
of disease when regulated by  
in the Practice of Medicine, attention sh<sup>d</sup> be  
paid 1<sup>st</sup> To the predisposing cause 2<sup>d</sup> To the  
force of the disease

3<sup>d</sup> To the Intermittions, Remissions & exacerbations

4<sup>th</sup> To the seat of the disease

5<sup>th</sup> To the Constitution & habit

6<sup>th</sup> To the season of the year, for disease in the





time of any Epidemic, requires a mode of treatment more or less similar to that of the Epidemic.

7<sup>th</sup> To the debility preceding the Crisis of the disease

8<sup>th</sup> To the Convalescent state. —

All these considerations shew that the Practice of Med: accord<sup>d</sup> to the Unity of disease requires more attention than when regulated by Nosology. The unity of disease places a Physician in the situation of a Mariner who, in the Pathless ocean, must keep a steady eye upon the Magnetic Needle, & who has to let go his Chalejards, furl & unfurl his sails & hourly as occasion requires. —

Disease has been defined to be an irregular or difficult performance of the Functions of the body & mind — But I shall define it to be simply Morb: action, & shall divide them into

I<sup>st</sup> Diseases as they appear chiefly & universally in the blood vessels & certain Viscera. — These affections have been generally called Fevers by Dr Cullen — but very





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improperly, because Fever signifies heat, & all fevers do not have heat - May in some instances there is a deficiency of heat. Fevers in general have Morb: excitent, sometimes Spasmodic heat, but principally appear in an irregular action or Convulsion in the Sanguiferous, but more obviously in the Arterial System w<sup>ch</sup> predominates so far over the rest that I shall call it the proximate cause of Fever - for an acct<sup>g</sup> of w<sup>ch</sup> I refer you to my inquiries - There is sometimes a pulmonary fever - the Aortic System remaining unaffected & the Contrary - the Temporal Arteries sometimes pulsate violently while the Arteries at the wrists have no irregular action. Fever is produced as well fr<sup>m</sup> defect of Stimuli as fr<sup>m</sup> an excess. In fevers the excitent of other parts of the body seems to be abstracted & translated to the Bloodvessels. There is but one exciting cause of Fever, & that is Stimulus. Chills precede moderate fevers only, no chills precede very bad fevers. All ordinary fevers are seated in the Blood =





vepels. Pleurisy. Angina &c & the local affec-  
tions here, are the consequences, not the cause  
of fever. It is very seldom that the arterial sys-  
tem is affected by being brot into sympathy  
for any of the Viscera being originally affected.  
Inflammatory fever is not the highest grade of  
Morb: excitem<sup>t</sup> in the bloodvepels - It sometimes  
transcends inflammation. It is sometimes so  
violent as to leap over all the usual forms of dis-  
ease & terminate directly in death. -

Fever consists in an irregular action or  
Convulsion - Morb: action alone (I repeat Con-  
stitutes disease, & its effects are inflammator<sup>y</sup> effu-  
sion &c. This distinction is necessary & useful.  
It enables us to cure fever before either inflam-  
mator<sup>y</sup> or effusion takes place - This Idea or Mor-  
bid action teaches us not to attend solely to the ap-  
pearance of the Blood, but to the state of the system &c

Of this Class I shall make 3 divisions  
1<sup>st</sup> Such as affect the whole arterial system with  
more or but little local affection; of these there are





twelve states or primary forms

I Malignant state of fever. This constitutes the highest grade of inflammatory diathesis. It is known by attacking frequently without ~~without~~ a chilly fit, by Coma, a depressed, slow or intermitting pulse, & sometimes by a natural temperature or coldness of the skin. The arterial system is here prostrate. It occurs in the Plague, Ty. Fever, Gout & Sopor, also in a case of Pleurisy under the care of Dr Quin of Jamaica. It is the effect of such a degree of Stimulus as to prostrate the Arterial system, & to produce a defect of action for an excess of force. Such is the excess of force that it sometimes produces convulsions &c. It may be called a depressed state of Fever, & when left to itself, frequently terminates in Petechia, Buboer, Carbuncles, Abscesses, Mortifications &c.

II The Gangrenous &c This is the issue of a violent inflammation left in the hands of nature, or accelerated by stimulating medicines. It is the effect of a higher grade of disease than Synochus & is not



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the effect of putrefaction as some writers suppose.

III Synochus Fortis D. This is known by a full, quick, & round pulse without Tension. The autumnal bilious fever & Colic, also the Gout often appear in this form. —

IV Synocha D° or common inflammatory state of fever; this attacks suddenly with chills & is succeeded by a quick, frequent, & tense pulse, great heat, thirst, & pains in the loins, joints, head & side. These symptoms sometimes occur in the Plague, Jail & Ty. Fevers & the J. pot. — But they are the same common characteristics of Pleurisy, Gout & Rheumatism & now & then occur in Influenza, Measles & Purperal Fever. —

V Synochula D°. Here the pulse is small, but tense & quick. — It occurs in the Chronic Rheumatism & Pulm. Consumpt<sup>n</sup>. —

VI Synochoid D°. This inclines more to the Synocha than the Typhus.

VII Synochus Mitis D°

VIII Typhus D° or low chronic state of fever





This is known by a weak & frequent pulse, disposition to sleep, torpor in the Alimentary Canal tremors of the hands, dry tongue & in some instances by a Diarrhoea. It occurs in the Jail, Ship, & Hospital Fevers. —

It is generally imagined that when a Fever runs on 20 or 30 days, it must necessarily be a Typhus. This is a mistake. There are Chronic inflammatory fevers which continue very long & require very different modes of cure to what Typhus does.

IX Typhoid 8<sup>o</sup>. A slow chronic state of Fever & is composed of the Synocha & Typhus. —

X The Hectic. This differs from all the other states of fever by the want of regularity in the Paroxysms & appears to be an exclusive disease of the Bloodvessels. It occurs in Pulm: Consumption some cases of Lues Venerea, of Scrophula & of the Gout after most other states of Fever. The force of the Pulse is various being sometimes Synchoic, Typhoid & Typhus. —



+ A frequent and full pulse but not morbid  
a redness and yellowness of the eyes, burning  
sensation in the mouth from wine &  
spices, hot breath, and cessation of usual  
pains

XI The Intermittent or Remitting Do  
 These are common to all the States of Fever that  
 have been mentioned, but occur most distinctly  
 & universally in those w<sup>h</sup> partake of a Bilious  
 diathesis

XII The Febricula: This is that state of  
 Fever in w<sup>h</sup> the morb. action of the Bloodvessels is  
 so feeble as scarcely to be perceptible. It is known  
 to the South by the name of inward Fevers  
 These States of Fever seldom appear in the sim-  
 ple form in w<sup>h</sup> they have been enumerated, but  
 often blend their symptoms & sometimes all ap-  
 pear at different times in the course of a Fever  
 These changes are to be sought for in the changes  
 of the weather &c

The Premontory symptoms of the forming  
 State of Fever are 1<sup>st</sup> Elevated but natural ex-  
 citement w<sup>h</sup> is known by extreme hilarity & viva-  
 city, increase of Appetite wakefulness &c & The  
 Remedies are abstinence, rest, gentle evacuations  
 sometimes a small bleeding &c. It appears more



Debility appears in children by their crying  
and desiring to get into their nurses or mothers  
laps

frequently in children than adults.

2<sup>d</sup> Debility This is known by a loss of appetite, giddiness, languor, disposition to sweat, costiveness, increase or suppression of urine Sleepiness with distressing dreams &c. The Remedies are Rest, gentle Stimulants as Pediluvium, warm bath, cheerful society, Laud. 20 or 30 drops with a little Hartshorne, sage tea, diluting drinks; pouring cold water on the body has been recommended by Dr Currie moderate exercise of the understanding in study &c.

3<sup>d</sup> Depression. This is known by a weakness of the limbs, inability to stand or walk, Capriciousness, dry & cold skin, distressing dreams chilliness, shrinking of the hands & feet, yawning, & weak quick pulse &c. The act of undressing has excited it. Even travelling in some mild fevers has rendered them mortal. The Remedies here are Rest, fasting, gentle Stimulants as diluting drinks, so as to distend the stomach. Going to bed sh<sup>d</sup> always be advised as it gives the system an





opportunity of equalizing excitement. - a few drops of Laud: or Sp<sup>h</sup> Cornu Cervi, Pediluvium &c - Gentle evacuations - These are most proper in the forming state, as Purges, Emetics, Bleeding - this last sh<sup>d</sup> be moderate, & confined to a few ounces - 5 or 6 - w<sup>h</sup> will often destroy it in its forming state, while larger quantities by accumulating excitability will induce it - gentle sweats, or diluting drinks, discharge of heat thro' the body by cool & cold water - Dr. Williams Brown speaks of his Thunderbolt pill as purging & purging at the same time w<sup>h</sup> I believe to be composed of Calomel & Tart. Antimon: only.

Besides these there are many other occasional symptoms of the approach of fever, as a hot, dry, parched, but sometimes a moist skin, breaking out of old ulcers, dimness of sight, smell like hep<sup>r</sup> Sulphuris, unusually correct & vivid dreams, frequent, full, but not morbid pulse; a disinclination for our accustomed stimuli, as Tea Coffee, Tobacco &c, a crispness & dryness of the hair &c &c





While elevated excitement, debility & depression encroach upon disease, the system contains one of them when the Fever is formed. The system is daily exposed to the predisposing cause of fever. The forming state of fever consists of the predisposing cause, debility, & a small portion of morbid action, & we can frequently by attending to this state prevent the formation of any fever; but when formed, can seldom cure it. — The advantages therefore of attacking fever in its forming state are many. By so doing we prevent sometimes its formation & duration, but after it is formed the skill consists in preventing death. Dr. Boileau says that when a fever is formed, it cannot be cured but will run its course; here I agree with him, & deny that fevers cure themselves as is thought in Great Britain. But to this there are some exceptions —

1<sup>st</sup> Hemorrhages have strangled a fever, this has occurred in the W. Indies & Y. Fever of this City 2<sup>d</sup> An attack of Cholera Morbus has done



How is

The same Principle says the only fevers ever cured is by this Intestinal discharge. discharge

3<sup>d</sup> Sweating has also, but rarely after 3<sup>d</sup> or 4<sup>th</sup> day

4<sup>th</sup> Fear & Terror has extinguished a Fever when formed

5<sup>th</sup> Opium in a large dose taken by mistake has had the same effect. —

6<sup>th</sup> Large doses of Bark has produced the same effect. — 7<sup>th</sup> A quart of wine or a pint of Spt<sup>r</sup> has destroyed it, tho I have known death fr this

8<sup>th</sup> Lard has cured them on the 2<sup>d</sup> 3<sup>d</sup> & 4<sup>th</sup> days by the effusion of Cold water, never after the 5<sup>th</sup> — Powerful friction, violent Labour — The Indians suspend themselves fr a Branch of a tree, destroying the excitability & easing pain. I have never seen a Fever cured by the Pediluvium.

On all these I shall remark that they are all dangerous, rendering convalescence slow, producing obstructions, & often inducing death.

We often prolong life by prolonging a Fever.

Finally I shall observe that many fevers cure themselves. — The later the season a Fe-





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ver appears, the greater the number of Paroxysms before it runs its course, & the longer it is protracted. — Nosology considers the forming state of Fever a sacred thing (a *no li me tan-que*) hence another source of mischief for this many headed monster. —

Of the Remedies for Fever including the twelve primary Forms. These are Sedatives & Stimulants — They are indicated in all grades of Morb. Excitum where they are above the natural force of the Pulse. —

I Such things as lessen by the abstraction of Stimulus the morb. & excessive action of the Blood vessels, or excite them when reduced below the point of reaction.

II Such as by acting on the Stomach Bowels, Brain, nerves, muscles, & skin equalize the excitement of the whole system, & thereby indirectly destroy a weak action in the Blood vessels by imparting to them a more vigorous & healthy action.

The Remedies w<sup>h</sup> belong to the first general





head are evacuations - These are

1<sup>st</sup> Bloodletting. For a full acct of the advantages of this invaluable remedy I refer you to my Inquiries - (defence of V<sup>s</sup>) I shall only mention here those states & circumstances w<sup>h</sup> forbid its use. 1<sup>st</sup> It sh<sup>d</sup> be used very sparingly in cases where ~~for~~ the excessive force of Stimuli the system is prostrated below the point of reaction, of course profuse V<sup>s</sup> w<sup>d</sup> abstract the remaining small portion of Stimuli & hasten death.

2<sup>d</sup> after the 3<sup>d</sup> day of Malignant fevers, if not used before, it is improper, as the system is below the point of reaction. The remedies here are Purges Mercury &c

3<sup>d</sup> in weak morbid action in the bloodvessels or what Dr. Darwin calls a tendency to irritability in the bloodvessels; as in weak bilious fever or Typhoid Pleurisy. The remedies here are Purges & then Cordials

4<sup>th</sup> In diseases of Habitual drunkards V<sup>s</sup> sh<sup>d</sup> be used very sparingly, because in this case, the





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Bloodvessels are so much overstretched that they cannot contract in proportion to the quantity of blood drawn. —

5<sup>th</sup> In very fat people Copious Use is forbidden

6<sup>th</sup> In Tertiental fevers - here the system is so far prostrated below the point of reaction, that Use is even improper in the first stage. In the year 1798 in this City it was the case. The system was first raised by gentle purges, after w<sup>ch</sup> I employed Use.

7<sup>th</sup> In diseases of external determination, as in Phlegmon, Angina Tonsillaris & without evident symptoms of suffocation

& It has been forbidden after the suppurative process has begun in inflammatory affections but to this rule there are frequent exceptions —

It is seldom necessary after copious expectoration has taken place in Pleurisy, but if plentifully used before expectoration has begun, it will cure the Pleurisy & prevent the expectoration

8<sup>th</sup> When there is an alarming & dangerous





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symptom for the very great dread of the lancet  
But in all these cases the Pulse is the index. There  
are however some cases of Hemoptysis in w<sup>h</sup> I  
w<sup>d</sup> not bleed altho the pulse be tense, before it  
be reduced by purging; & lastly there are some ca-  
ses of Hemorrhagy with a tense pulse (Hepatic  
fever) w<sup>h</sup> cannot be reduced by Vef. But there  
are some stages in other diseases in w<sup>h</sup> the pulse  
is dumb - 1<sup>st</sup> In certain morbid affections of the  
brain - 2<sup>o</sup> of the Lungs 3<sup>d</sup> In Malign<sup>t</sup> fever 4<sup>th</sup>  
In chronic inflammation of the liver &c. But shall  
our estimation of the pulse be lessened because it  
does not always show the disease? No! Gent:  
The Mariner never keeps his eye from the compass  
tho it may vary continually. Great skill is  
necessary when the pulse is absent or deceives us.  
The pain, heat, respiration &c are then to be at-  
tended to & may direct us - Vef. is frequently  
necessary in Colic, Strangulated hernia & Gall  
stone when the pulse is natural, & I have even  
bled with advantage when it was feeble - Vef.



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+ They may be used in Antennal fever &  
generally where nature indicates them  
Emetics are useful in some seasons and  
not in others - here the system may be  
too much elevated or depressed. They  
are most useful in the first stage  
of fevers.

Uf is either general or local. The first by the lancet. 2<sup>d</sup> By cupping leeches & w<sup>h</sup> last are of service in local inflammat<sup>n</sup> as Ophthalmia &c.

**II Vomits.** These are forbidden in fevers of great morbid action as Hematemesis, Ruptures, In persons subject to spitting of blood - in Cephalic congestions. They are useful in diseases of moderate morbid action as in Pulm: Consumption &c. They are more safe in children than in old people, & more safe in old people than in middleaged persons & in Pregnancy, in persons subject to Cephalic complaints or ruptures, they sh<sup>d</sup> be prescribed with great caution. To be effectual they sh<sup>d</sup> be given frequently. I have given emetics every 2 or 3 days in the Scarlatina Anginosa with success agreeable to withering. Nature sometimes cures disease by Cholera Morbus & Hemorrhages as in the Y. Fever of 93. The best emetic is Tart: Antim: Where emetics are proper, the less liquids taken with them the better. —



x They sh<sup>d</sup> be given in the Apurexia

51°

III Purges These are indicated in Fevers of great morbid excitement. They are better & more safe than vomits. They invite disease from other parts to the intestines by creating an artificial weak morbid action in them. They are Jalts, Calomel, Jalap, Scammony, Gamboge & Jalap & Calomel are the most proper in Bilious cases & sh<sup>d</sup> be given once a day. They are useful to take off pressure from the bladder. Whenever the Fœces shew a disposition to pass off by the Bowels in a Fever, the bowels sh<sup>d</sup> be opened 3 or 4 times a day; or a Diarrhoea kept up 3 or 4 days by means of Calomel & Jalap or Rhubarb - and if necessary

Clysters sh<sup>d</sup> even assist. They relieve the kidneys & Aorta & from pressure of stagnant fœces. They disturb the system less than Purges. They are extremely useful in Colic. It is to be lamented that the prejudices of persons prevent our obtaining all their beneficial effects. A Glyster Syringe sh<sup>d</sup> be a part of the Furniture of every family. By stimulating the Rectum too, we drive morbid excitement





for other parts of the Body

Suppositories sh<sup>d</sup> be used. They are made of wax soap, Aloe & especially indicated in the diseases of children. —

IV Diaphoretics. They act by stimulating & are improper in fevers of great morbid action. They are Stimulating Medicines, Diluents, Nauseating Med: these are improper, we sh<sup>d</sup> never smother a sick stomach, but on the contrary relieve it. Useful in pains in the bowels head &c. Warm bath acts as a powerful sudorific, when it sweats, it does good but when it fails it does harm. I find warm bed clothes to answer much better. Vapor bath sh<sup>d</sup> never be exhibited when the patient is much debilitated. Cold bath. This reduces morbid action without inducing sweat when the heat of the Body is above 100° — Hot sweet oil rubbed over the body produces sweating. The warming pan carried over the whole body — Bottles or Bladders filled with hot water. Hot drinks, covering the whole body over & breathing the Nitro-





gen for some time. When in fevers, nature shows a disposition to relieve herself by sweating, she sh<sup>d</sup> be aided by sudorifics. But even here, it is often necessary to precede the sweating medicines by V. & other depleting remedies. Sweating sh<sup>d</sup> be proportioned to the strength of the Patient - sometimes it sh<sup>d</sup> be continued as long as 24 hours & at others less. The linen of the Patient sh<sup>d</sup> be often changed while sweating. The Internal sweating medicines are

1<sup>st</sup> Nauseating Medicines, these have seldom done much good, but much harm. -

2<sup>o</sup> Diluting drinks these act by lessening acrimony of the bowels. They are proper in the forming state of fevers only. There are many med: w<sup>t</sup> are recommended to produce sweating - they sh<sup>d</sup> be combined with opium. -

V Sialagogues are important remedies - Mercury seldom salivates one in 4 in any fever, & in those w<sup>t</sup> run their course in 4 or 5 days, it seldom reaches the mouth. The morb: action



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transcends the stimulus of Mercury so much that it can't act. When the system is so prostrated that it cannot react, mercury is our proper remedy & happy for us, it then soonest has effect. Mercury may be used either internally, or externally by friction with the Ointment, rubbing calomel on the gums & fumigating. When salvation sh<sup>d</sup> be br<sup>d</sup> on speedily, all these methods are to be used. But these have many disadvantages - as ulcerating the gums Cheeks & Tongue. Mercury is only a med. of necessity. —

VI Blisters are the weakest of all depletions & sh<sup>d</sup> never be used in Fevers of violent inflammatory action. Useful when the pulse is descending to the Synochoid & Typhoid states. It is a good sign when blisters lessen the frequency of the pulse, & increase the strength of the body. — Jackson says they are improper in a hot & dry skin. — Recollect how they were forbid in our Therapeutics. — From a review of all the substitutes for V. we find them all inferior to it. — It does





no violence to the system or senses - few ever die  
from an improper use of it - while thousands die  
from a like use of venoms. Purge & & -

VII Remedies w<sup>ch</sup> abstract the stimulus of heat  
these are Cold air, water, & Ice. -

1 Cold Air - This acts Negatively in abstract<sup>g</sup>  
heat - It sh<sup>d</sup> be proportioned to the heat of the body  
when it is at 100 it sh<sup>d</sup> be used - It sh<sup>d</sup> be also  
proportioned to the state of the system - for if Cr  
were agreeable in health, 50 or 48 in sickness is  
best - It was for this that Sydenham recommended  
to his patients to get out of bed & walk in the  
cool air, & if not able to get up to be dragged out  
of bed - Many fevers forbid rising out of bed, here  
the bed clothes sh<sup>d</sup> be removed, & so that it may  
have access to every part of the body. -

2<sup>d</sup> Cold Water This is useful when there  
is great morib. action with a dry hot skin. Bruce  
says, the natives of Napsura cure their fevers by  
lying on their beds & suffering themselves to be  
drenched with cold water. The modes of using



a This is called Diffusion

b This is called Infusion

c) This is by far the best and safest plan  
safest plan

Cold water are many - 1<sup>st</sup> By dashing it over the body. This is proper in the forming state of Fever. It is the safest way. It arises from 2 theories, One the existence of Morbific matter - the other of Spasm of the vessels - 2<sup>nd</sup> By applying it to the whole body by immersion - this method sh<sup>d</sup> not be used unless much exercise be taken with it, so as to expend excitability as well as well as reduce excitement. 3<sup>rd</sup> Sponging the body with a sponge dip't in cold water - Currie recommended this way when the fever was formed. 4<sup>th</sup> Placing the hands & feet only in cold water reduces the pulse, it is preferable to ablution. 5<sup>th</sup> I have seen the happiest effects from Clysters of cold water. They operate in this way not only on the Bowels, but on the whole body -

Cold acts in 2 ways - 1<sup>st</sup> By conveying off the stimulus of heat. 2<sup>nd</sup> After reducing the heat it causes reaction. -

Cold is improper - 1<sup>st</sup> In the early stages of fever before the reduction of Morb: ex: & before the





skin is rendered fit for reaction - 2<sup>o</sup> In Sweating  
 3<sup>o</sup> In great morbid action or congestion of the lungs,  
 liver, head bowels &c - 4<sup>th</sup> Where the heat of  
 the body is very intense - & where heat & cold  
 act at the same time 5<sup>th</sup> It is improper in the  
 chilly fit of fever, & where the heat is not permanent.  
 6<sup>th</sup> Where there is a general sweat. It is impro-  
 per in the first stage of local inflammation. Dr  
 Currie has most erroneously said, that whenever  
 cold water may be applied to the body, it may  
 be taken into the stomach.

3 Ice This is particularly useful in affec-  
 tions of the head - It sh<sup>d</sup> be pounded & applied  
 in a bladder to the head, or part required, or in  
 a tin cap

Dr Cummins of Antigua recommends the  
 use of Ard<sup>t</sup> Apt<sup>d</sup> instead of water because eva-  
 poration is much quicker induced by it, & a  
 greater degree of Cold thereby generated. —

Cold has been objected to because  
 1<sup>st</sup> Ablutions exclude all other remedies  
 2<sup>o</sup> They require a regard to many circumstances



✓ as Typhus

x need be paid to the skin .

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It requires the attendance of the Physician himself  
3<sup>d</sup> I object to them in fevers, because I believe  
other applications w<sup>d</sup> produce the same effects  
as washing the hands face, feet head; 4<sup>th</sup> It sh<sup>d</sup>  
never be used as a stimulant in low fevers, for it  
frequently produces death. —

The skin is an unit, water applied to one part  
will affect the whole — In the exhibition of cold, little  
attention to the pulse & other symptoms alone  
sh<sup>d</sup> be attended to

VIII Abstinence is proper in fevers of increased  
excitement by depriving the system of its usual  
quantity of stimuli — It sh<sup>d</sup> be proportioned to  
the excitement of the system — Milk, wine, Sp<sup>rits</sup> &c  
sh<sup>d</sup> be forbidden — The Aliment sh<sup>d</sup> be liquid —  
Weak tea or Coffee; oatmeal, rice or corn & pul  
lage, Apple water — In some cases bread water only

IX The stimulus of sound & light sh<sup>d</sup> be ab-  
stracted, by silence & darkness — Sound & light sh<sup>d</sup>  
be guarded against with the utmost care in  
great morbid action — Light is a cordial & often





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induces delirium & Conversation has often done  
harm. — — The Stimulus of

X The Invigorating Passions sh<sup>d</sup> be abstracted by moderate fear — This has often had great influence in fever, & in lessening the Pulse.

XI Motion sh<sup>d</sup> be avoided — Journeys, walking & have frequently occasioned fever. When there is only a slight indisposition, walking or any gentle exercise will cure it, but when indisposed during the prevalence of an Epidemic, the patient sh<sup>d</sup> surrender himself as it were to rest & quietness.

XII Acrimony sh<sup>d</sup> be obviated by diluting drinks & Cleanliness. Diluting drinks lessen the Heat of fever, & the acrimony of the fluids & bile. Too much cannot be said of them — They are toast & water, barley water, apple water, certain teas of w<sup>h</sup> balm is the best, lemonade, rice water, tamarind water the different jellies dissolved in water, dry cherry water &c. These sh<sup>d</sup> be often changed, that the patient may not, by using any of them too long acquire a dislike to it. None of these drinks sh<sup>d</sup>



+ Cold drinks may be proper in cases of low action Dr Cullen says the skin and stomach are equally sensible to cold but this is an error there is an order in the operation of cold it acts most sensibly on 1<sup>st</sup> The stomach 2<sup>d</sup> Skin 3<sup>d</sup> Bowels 4 Head. Neither hot nor cold drinks are useful in <sup>cases of</sup> great morbid action

+ If thirst is excessive Gum Arabic water and Flax seed tea should be used.

be given cold, as they frequently produce reaction in the system & its consequences. Thirst sh<sup>d</sup> not regulate drink any more than appetite sh<sup>d</sup> food in fevers, therefore when there is great thirst it sh<sup>d</sup> not be indulged. The drinks sh<sup>d</sup> be given in small quantities & often, & when there is no thirst, we sh<sup>d</sup> give them even when not called for.

Cleanliness is also to be attended to. The teeth, mouth, skin & sh<sup>d</sup> be kept clean.

Remedies which direct local morbid excitement, congestion, inflammation & serous effusions from parts that are essential to life in the first degree to such as are less essential to it. — These are all such as are mentioned under the head of evacuants. & also

1<sup>st</sup> Nitre, & other Neutral Salts. Nitre acts powerfully on the stomach w<sup>h</sup> is evident from Dyspepsia succeeding the too free use of it. It also lowers the pulse, infrequency & force, & its action on the blood vessels is powerfully sedative. It may be given in a dose of 10 or 12 grs every 2<sup>d</sup> or 3<sup>d</sup>



The first of these is the fact that the  
 British government has been unable to  
 secure the necessary funds to carry out  
 its policy of non-interference in the  
 affairs of the colonies. This has led to  
 a series of financial crises which have  
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 in the standard of living throughout  
 the empire.

hour. Nitre is seldom borne in Gouty Habits & bilious diseases - attend to this -

Nitre 3j & vinegar ℥j It is not necessary that it sh<sup>d</sup> produce nausea & dose fr 10 to 20 grs. Useful in Synocha, Synochus Fortis Synochula & Synochus Mitis

2<sup>d</sup> The Preparations of Antimony of a<sup>st</sup> Part: Antim: is the best, it excites a revulsive action in the Stomach, creates an Artificial weak part. It sh<sup>d</sup> be combined Nitre or Antimony. Seneka acts as a Sudorific without stimulating the whole system - hence its great use in Peripneumony

3<sup>d</sup> Sugar of Lead This has been given in the Hemorrhagic state of Fever with great success. Sir G<sup>o</sup> Barker gave it with great success in internal Hemorrhages. -

4<sup>th</sup> Fox Glove. This lessens the irritability of the whole System. It sh<sup>d</sup> never be given in a low pulse. In the Dropsic & Pulmon<sup>o</sup> states of fever, it has been principally recommended. Dr R. has had but little experience of its uses. #





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It has been lately used in the Synocha Typho-  
chula States of fever, but I think it sh<sup>d</sup> never  
be used, but with the greatest Circumspection

Sweet Oil externally applied in fevers of  
great morbid action has been of great service,  
this I infer fr<sup>m</sup> its use in local inflammations

Dr Jackson tells us that Sweet oil applied in  
the manner just mentioned lowered the pulse.

Nitre dissolved in vinegar has been used. Dr  
Stuart of this City has lately mentioned the  
good effects of Ligatures in morbid action by stop-  
ping the return of venous blood. Nitre dis-  
solved in vinegar has been used. Dr Stahl  
mentions the power of Wakefulness. No one says  
he, "knows the power of wakefulness in high fe-  
vers" I have frequently seen the good effects of  
this, I have sometimes seen a patient wake de-  
lirious. —

Here before I conclude the account of re-  
medies for diseases of great morbid excitement  
in w<sup>h</sup> I include, Malignant Synochus for-



The first of these is the fact that the  
 country is a very fertile one, and  
 the soil is very rich. The second  
 fact is that the climate is very  
 warm, and the sun is very bright.  
 The third fact is that the people  
 are very friendly, and the  
 language is very easy to learn.  
 The fourth fact is that the  
 food is very good, and the  
 drink is very cheap. The fifth  
 fact is that the people are very  
 hard working, and the  
 country is very well governed.  
 The sixth fact is that the  
 people are very brave, and the  
 country is very well defended.  
 The seventh fact is that the  
 people are very honest, and the  
 country is very well managed.  
 The eighth fact is that the  
 people are very kind, and the  
 country is very well loved.  
 The ninth fact is that the  
 people are very generous, and the  
 country is very well respected.  
 The tenth fact is that the  
 people are very brave, and the  
 country is very well defended.

fortis Synocha, Synochula, Synochoid & occasionally Synochus Mitis — I beg leave to add the follow<sup>g</sup> Indian remedies. —

1<sup>st</sup> Powerful Friction — Capt<sup>t</sup> Cook was cured of the Rheumatism in this way by the natives of one of the friendly islands. —

2<sup>d</sup> Violent exercise or Labour. The Indians cure Mania by these means —

3<sup>o</sup> Strong stimulating powers — They often cure Pleurisy by stretching the arms, or by swinging by the arm of the affected side

4<sup>th</sup> Hot & Cold Bath. These are proper in external diseases — In Toxic Mania, Indian constitutions. — The Russians use a bath similar to that of the Indians to preserve health. They are only indicated in diseases w<sup>h</sup> have external determination. But none of these are equal to Veg. & its Auxillaries, Purges vomits &c. —

Before we come to treat of Stimulating Medicines we will say a few words respecting those states of fever where both evacua-



x *Scarlatina Arginosa* & *Typhus Gravior*

- + Several errors must be taken notice of on this head. 1.<sup>st</sup> The Typhoid fever is said to be situated primarily in the nerves this is a mistake it is in the blood vessels 2.<sup>d</sup> It is supposed to be the effect of improper treatment but they are as genuine as any other fevers. 3.<sup>d</sup> It is said to be derived wholly from human miasmata this is no such thing 4.<sup>th</sup> It is wrongly supposed they are always of a chronic nature. 5.<sup>th</sup> Erroneously supposed to be cured always by stimulating substances, but we know to the contrary it is sometimes cured by. V.S. —



cuts & stimulants may be necessary, as  
Typhoid - Bilious. & Pleuritic States of  
fever

Typhoid & The Typhoid & Ty-  
phus creep on gradually, sometimes with  
feeble chills, the skin & edges of the tongue dry,  
with head-ache, continue 30 or 40 days  
without intermission - The pulse is low, fre-  
quent, & less tense than full - Called by Dr  
Butler, low, nervous, or chronic fever - This of-  
ten a form of mild bilious fever - Hospital &  
Jail Fever often commence Typhoid - Ro-  
ents frequently choke it in its forming  
state - but large V. of Bark & wine will do  
harm - It is sometimes best to wait awhile  
until it wears itself completely down into Ty-  
phus, only obviating urgent symptoms

Remedies 1<sup>st</sup> Moderate V. of once or twice  
when the pulse is tense & full - 2<sup>d</sup> Vomits,  
these are safer than V. - They as it were untie  
the Typhoid knot - 3<sup>d</sup> Gentle Purges -  
Nitro, Blisters, & perhaps cold applied to



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A salivation has been found useful when all other remedies have failed.



the skin. These remedies sh<sup>d</sup> be continued until the Typhoid action be nearly worn down. In short the remedies for the Typhoid state of Fever may be summed up under three heads viz- Abstule, Sustine et Siste

The indications are 1<sup>st</sup> To equalize & cement 2<sup>d</sup> To excite another action, give stimulants but gentle, & if they do not render the pulse slower & fuller, discontinue them. Jackson speaks highly of the effects of gestation, but says, that it sh<sup>d</sup> not be used until the fever has run its course, & I think very properly.

Primary Forms of Fever w<sup>h</sup> require Stimulants, are those in w<sup>h</sup> Depletion is forbidden - as

1. Malignant where there is no action

2<sup>d</sup> Gangrenous w<sup>h</sup> arises from not depleting in the first stage of disease, or suffering it to terminate in itself. It occurs in the S. Pox - Pleurisy, Plague - Ty. Fever, & Gangrenous sore Throat - It is the Typhus Gravior of Cullen







It is known by nearly a paralytic state of the  
Bloodvessels - pulse scarcely perceptible, he-  
morrhages, buboes, carbuncles, great muscular  
strength & pain, or the absence of both - The pa-  
tient insensible of his danger & feels very well  
indeed - Sometimes total prostration of strength  
Bloodvessels in a spastic state - absence of  
mind & \_\_\_\_\_ of Dr Cullen

3<sup>d</sup> Typhus Mitior, or Low Chronic state  
of Fever of Dr Butler - known by Delirium,  
Coma languid eyes, fallen jaw; dry, furred &  
black tongue & teeth, Coldness of the extremities  
Pulse irregular, weak & jerking; Costiveness or di-  
arrhoea, pale urine, often involuntarily discharged  
dry skin, deafness - glandular swelling, abscess,  
Gangrene in different parts of the body - Some-  
times without inflammatory symptoms  
Blood dissolved & \_\_\_\_\_ This is the effect of  
Debility - it follows all inflammatory fevers  
or it may be primary - It requires Stimulants  
When Stimulants make the pulse slower & fuller





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they do good - when they render it more frequent they generally do harm. -

II<sup>d</sup> The Remedies w<sup>h</sup> belong to the 2<sup>d</sup> General head are Stimulants - They divide themselves naturally into

1 Internal II External

Rules for their use

1<sup>st</sup> Begin with small doses of the weakest stimuli, & gradually increase them - 2<sup>d</sup> Give 2 or 3 at the same time - 3<sup>d</sup> Give them in Rotation - 4<sup>th</sup> Give them constantly -

1 The Internal Stimuli may be divided into Medicines & Aliments. The Med: are 1<sup>st</sup> Fermented & Distilled Liquors are Wine, Malt liquors, Ard<sup>d</sup> Spt<sup>r</sup> -

Wine is a pleasant & Cordial Medicine, is nutritious as well as Stimulant, since it contains Spirit, Must, Saccharine Matter, acid & water. The quantity taken sh<sup>d</sup> be regulated by the state of the system & quality of the wine. - White wines are most proper when acidity pre



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vails in the Stomach but in cases of extreme debility, the pure wines are the best as Madeira &c. From 1 to 3 Quarts may be taken daily in most cases. Persons in health are much earlier intoxicated by wine than when they are much debilitated. —

Of Malt liquors, Porter is the best. From 1 to 3 bottles may be given in a day. —

Ardent Spts sh<sup>d</sup> be only used when the patient has been very much accustomed to them or when a sudden effect is desired for the stimulus. They are Stimulating, without any nourishment. from 1/2 to 1/4 a day

2<sup>d</sup> Volatile Alkali has great effect in this state of fever. From 5 to 10 grs 2 or 3 times a day in a bolus or pills. —

3<sup>d</sup> Empyreumatic & Aromatic Oils Also certain <sup>potid</sup> Animal & Vegetable Substances. Of the first I will only recommend the Oil of Amber which is excellent in the Riccough which occurs in the low stage of fevers from 5 to 20 drops every 2 hours





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Of the second I shall only recommend the oil of mint  
I have never experienced the great effects that have  
been ascribed to Musk & Castor - They succeed  
the album Grocum & w<sup>t</sup> were used in the ancient  
& superstitious days of medicine. They w<sup>o</sup> uni-  
versally go out of practice, if Physicians knew as  
much as they ought of Opium, Wine &c

1<sup>st</sup> Opium. This is a sort of Stimuli itself.  
All others may be compared to the feeble rays of  
candle, Opium to the powerful rays of the sun.  
While other Stimuli appear to act partially upon  
the different Systems, opium seems to act upon  
them all. It acts on the Stomach in large doses  
producing inflammation of that viscus &c. On  
the Bloodvessels rendering the pulse more tense &  
feeble, but less frequent - On the Alimentary ca-  
nal producing costiveness. On the kidneys & blad-  
der promoting the flow of urine - On the mus-  
cles by relaxing spasm - On the skin producing  
sweating, itching & eruptions. That Opium dif-  
fers from other Stimulants, in some respects, in





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producing these effects is certain, but what two stimuli perfectly agree? They all vary in their action upon the system - Thus bitters act principally & chiefly upon the alimentary Canal - Other & Volatile alkali upon the nervous system, Spirits & fermented liquors upon the bloodvessels & nerves - Oil of amber upon the muscular system & Opium on all. It differs fr<sup>m</sup> most or all of the Narcotics that act on the Brain & nerves. It is to this I ascribe its familiar action in inducing sleep. In a neighbouring state in the year 1769 a Gent. took a table spoonful of Laud. mistaking it for a Neutral mixture, he was thrown into a sleep in w<sup>ch</sup> he continued 48 hours, & awoke perfectly well. Since the American Revolution it has been used a little in G. Britain in Typhus -

In its exhibition the follow<sup>g</sup> directions are proper.

- 1<sup>st</sup> Great attention sh<sup>d</sup> be paid to the pulse
- 2<sup>d</sup> Begin with moderate doses. 10 or 12 drops will often do more good than twice the quantity. It acts in two ways in bringing on sleep. 1<sup>st</sup> By rai-





ing the system to the sleeping point when below it 4<sup>th</sup> by carrying the system to the indirect sleeping point - This last method is very dangerous  
 3<sup>d</sup> Increase the dose according to the increase of debility. Dr. Boquet of Paris took 100 grs of Opium & a pint of Ether in one day to cure the Colic. In cases of indirect debility the doses sh<sup>d</sup> be small  
 Dr. Hedman relates the case of a man who died by taking 20 drops of Laud: to check a vomiting - He had taken an Emetic & was debilitated his excitability was accumulated & the Stimulus of the Laud: destroyed him. -

4 Give it in small doses during the day, & larger during the night, because there is a deficiency of Stimulus in the night, while in the day there is additional Stimulus, as wakefulness &c

5 In all cases of sudden debility, doses sh<sup>d</sup> be small.

6<sup>th</sup> It sh<sup>d</sup> be laid aside after loosing its effects, for a day or two, in the interval use some other Stimulant.

7<sup>th</sup> When it ceases to operate on the Stomach, give it by injection in double or treble the dose -



Bank ʒi  
R. Tinct. ʒi  
Ole Mint - ʒi  
Liq. Sacch. 50. or 60 gts  
Aqua font. q.s

3<sup>d</sup> In proportion as the patient recovers & the excitability increases, the dose sh<sup>d</sup> be lessened.

5<sup>th</sup> Other is a quick & powerful Stimulant & is sometimes useful after Opium has failed, in the dose of 30 or 60 drops every hour. —

6<sup>th</sup> Bark is a powerful & durable Stimulus & has many advantages in Fevers. We sh<sup>d</sup> begin with the infusion provided it has not been used before. Then with Huxham's tincture w<sup>h</sup> has many advantages by having Opium combined with it. & if Bark sh<sup>d</sup> offend the Stomach, Gentian or Colombo sh<sup>d</sup> be combined with it w<sup>h</sup> are however much inferior to the Bark. A Spanish Physician used ℥ $\frac{1}{4}$  of bark a day in a case of Malignant fever. But Dr. Apilini tells us he found Bark & Coffee each ℥j infused in ℔j of water to be of equal efficacy. I have substituted the follow<sup>g</sup> Formula. Bark & Coffee each a Spoonful, water  $\frac{1}{2}$  pint for 1 to 2 tablespoonfuls every two hours. —

7<sup>th</sup> Mercury. I have used this with ad.





van tage in these states of Fever, I was led to the use of it for seeing its good effects in the Typhus state of Cyanische Maligna - 2<sup>o</sup> From the cure of Typhus in a Gent: by an accidental salivation - & since that time for the benefit derived from it in the Malign<sup>t</sup> Gangrenous & Typhus fevers where Vef. is forbidden. -

8<sup>th</sup> Pure Atmospheric Air. Not simply cold air. Too much cannot be said in favour of this in Fevers. Its effects are wonderful in the cure of Malign<sup>t</sup> Gangrenous & Typhus states of fever. Malign<sup>t</sup> fevers in the W<sup>th</sup> Indies are frequently changed to Intermitents, by a removal into pure air. When a removal is desired, the patient sh<sup>d</sup> be conveyed as quietly as possible, but when this cannot be done the follow<sup>g</sup> substitutes sh<sup>d</sup> be adopted 1<sup>st</sup> Remove the causes corrupting the air & make a fire in the middle of the room if there be no fire place - 2<sup>o</sup> The earth absorbs contagious Spoison. hence we see dogs & cats scratch holes in the ground & breathe in them in order to get the pure





pure air - also certain Nations as those of Gen-  
 efree, when bit by a poisonous snake, dig holes  
 in the ground, & put the injured part in the ground  
 with success - Hence also the floors of Hospitals  
 sh<sup>d</sup> be of dirt - It is for this reason that the poor  
 people are generally healthy - 3<sup>d</sup> When fire can-  
 not be had D<sup>r</sup> Campbell recommends 2 tubes  
 to be passed into the room, one to carry off the vi-  
 tiated air, while the other conveys the pure air into  
 the room. 4<sup>th</sup> Smoke has a wonderful effect in  
 these fevers. D<sup>r</sup> Bruce tells us that the poor in  
 Papavato who lived in smoky houses escaped  
 the Plague 5<sup>th</sup> The deflagration of Nitre, or the  
 decomposition of Muriatic acid by the Sulphuric.  
 6<sup>th</sup> Having the bed in the middle of the room & also  
 bereft of its curtains - 7<sup>th</sup> No more persons sh<sup>d</sup> be  
 admitted into the room than are really necessary.  
 8<sup>th</sup> No person sh<sup>d</sup> sit on the bed side - 9<sup>th</sup> The excre-  
 tions sh<sup>d</sup> be received into cold water & conveyed  
 from the room as soon as possible - 10<sup>th</sup> The linen & sheets  
 sh<sup>d</sup> be daily changed - 11<sup>th</sup> The floor sh<sup>d</sup> be sprinkled





with pure water instead of vinegar, because in 2 or 3 days the vegetable matters contained in the vinegar will putrify & apart in vitiating the air. —

9<sup>th</sup> Oxygen gas has been highly recommended but I cannot say any thing of it for experience it is too expensive. —

10<sup>th</sup> Invigorating Passions & Understanding  
 Anger once cured a man in Jamaica of Typhus fever  
 Fear has often done the same — Courage, pronouncing  
 great names, or popular ones, joy for seeing about  
 friends good news &c have often done much service  
 in these states of fever. A Lady in this City was  
 once snatched from the Grave by the sight of her  
 lover — Hope sh<sup>d</sup> be inspired it is that cordial w<sup>ch</sup>  
 we have most under our command. Gloomy vis-  
 itors sh<sup>d</sup> positively be forbidden. but a pious  
 clergyman sh<sup>d</sup> be admitted because their con-  
 versation will tend to reconcile the patient to his destiny.

11 Stimulating injections into the Bowels —  
 have often done service — They are numerous. The



*[Faint, illegible handwriting throughout the page, likely bleed-through from the reverse side.]*

most valuable remedies for this state of fever are Bark, Wine, Opium. Warm Bath. —

II The Aliments include such articles of animal & vegetable food as are commonly used in diet together with Saloop, Tapioca, Arrow root & the like. Animal food may frequently be given in a solid form with advantage, or in broths. The appetite in Typhus fever generally revives about the fifteenth day. I once cured a gangrenous small pox by indulging the Patient in animal food. It acts in two ways 1<sup>st</sup> By the pleasure it gives the patient to think that it is in his power to eat of it, & by its stimulus in the stomach. 2<sup>d</sup> By affording a matter for red blood, & that by repetition producing one of the most powerful stimuli of life. I am induced to believe that the low fevers, are often cured by animal food, as Ham, Beefsteak &c. In the use of it 2 directions may be necessary 1<sup>st</sup> Do not suffer the Patients appetite to regulate you. 2<sup>d</sup> Great care sh<sup>d</sup> be taken to strengthen



# The Journal of Thomas

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the Stomach by eating little at a time, & to tempt the patient to eat after by changing the food &c for as the appetite often exists without digestion so may digestion go on when there is no appetite.

## II External Stimuli.

1<sup>st</sup> Several of the Internal so prepared as to be applied to different parts of the Body as Op<sup>t</sup> to the nose - temples, limbs, & the external region of the Stomach & bowels. They are flannel wrung out of hot water, vapour of Vinegar, & Spirits, to the nose & mouth, washing the hands & face in Vinegar, cordials - Wine Bark &c given in injections

2<sup>d</sup> Cold & Warm Baths by lotion or affusion over the whole body. Cold Bath is not so safe when the system is below the point of reaction - In the Gangrenous state of Fever, it has hastened death, because the exertion of dressing & undressing was too great a stimulus for the system to support, but when it is applied by means of a sponge or dashed on it may be of service - The Warm bath is equally



The weakest cataplasms are 1<sup>st</sup> flour & vinegar  
and 2<sup>d</sup> salt flour and vinegar.

unsafe & sh<sup>d</sup> only be used by means of Flannels, Bottles or Bladders of hot water. —

3 Blisters improper, as they generally occasion gangrene. Where there is local pains they may be serviceable — They may, alternate the symptoms but seldom remove the disease

4 Cataplasms of Onions, Garlic Mustard & to the feet are often useful — We sh<sup>d</sup> begin with the weakest & gradually rise to the strongest — They are better than blisters. —

5 Certain Applications calculated to irritate & inflame the skin, as Ether, & Tinct: Canthar: combined w<sup>h</sup> is an excellent external application. Also the application of the Vol. Linim<sup>t</sup> with Tinct: Canth:

6 Caustics are often necessary to revive fr<sup>m</sup> a Comatose State — They sh<sup>d</sup> be applied to the Cack of the neck. I have often derived much benefit fr<sup>m</sup> them when nothing else was of service; they are indicated when Ref. is forbidden. —

7 Boiling Water & Scarifications act similar to Caustics. An Italian Physician has lately



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Light and sound are agreeable stimulants  
Affusions of cold water are <sup>not</sup> useful when the  
system is below the point of reaction

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recommended Friction with a flesh brush - All these & sometimes Coals of Fire have been applied successfully. I knew a lady in the last stage of Malignant fever to be entirely cured by being burnt on her Chest with a candle w<sup>th</sup> the servant let fall. Dr Physick relates a case in w<sup>th</sup> he thought a sudden cry of one of the Family who said the patient was dead cured. - A few questions may here be asked to w<sup>th</sup> I will answer

Are sweating med: proper in Typhus? No. A softness of the skin is favourable but a profuse sweat is injurious - it exhausts the patient to no purpose. Spontaneous sweats often precede death. Should patients be allowed to sit up?

No, the patient is too weak, any thing that is given sh<sup>d</sup> be poured down the throat whilst lying. Clothes or other things sh<sup>d</sup> be used to receive their fœces, or what passes from them - I have known some instances in w<sup>th</sup> the patient has expired on the close stool.

Are cold drinks proper? No, the patient frequently asks for them just before death owing to



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The morbid excitement retreating to the stomach or  
fauces, as the last & strong hold. —

Is Purging proper? No, unless there be a  
great accumulation of bile. Clysters sh<sup>d</sup> be used to  
procure a stool every day — but there are cases in  
this fever in w<sup>h</sup> the retention of the feces 2 or 3  
days is really proper. The urine sh<sup>d</sup> be drawn off  
by catheters, & particularly inquiring sh<sup>d</sup> be made  
respecting its time of discharge, as the patient is  
sometimes insensible to its great stimulus —  
Warm drinks are generally proper. —

Is sleep proper? This depends upon the state  
of the pulse; if it be active, sleep may be ad-  
mitted; but if faint, the patient sh<sup>d</sup> be awa-  
kened every half hour to take Aliments or me-  
dicine — or where the Pulse flags. I would have  
you to recollect that life is more languid in the  
sleeping, than in the waking state — hence death  
often occurs in sleep for the total abstraction of  
stimuli, & patients often die in the night for  
want of the cautions just mentioned —





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I have called these the Malignant - Gangrenous & Typhus forms of fever, but they frequently change into others - I have seen the Inflammatory change into the Typhus form, & the Typhus into the Inflammatory after some weeks. In such cases frequent visits are necessary. The low nervous changes into the Typhoid, all of <sup>which</sup> at different periods require different Stimuli. - The forms of the Malignant & Gangrenous differ, sometimes in beginning with eruptions, & sometimes with ending with them. Being at times preceded & at others succeeded by the same appearances, sometimes requiring weak & sometimes strong Stimuli & vice versa. -

In a fever at Kilmuir all died who took the Cort. Peruv: while those who took a decoction of the Willow Bark, recovered. The Human Body is not like an old house w<sup>h</sup> can be repaired with the same Materials - It requires different Stimuli, & different degrees of these Stimuli. - I will here venture a bold assertion - That if a Physician could





be possibly with his patient, have absolute command over him, accommodate his different remedies to the state of the system & that it w<sup>d</sup> be hardly possible for a patient to die of low Nervous Fever.

A judicious Clergyman used to say, that he first considered his congregation, & afterwards accommodated his sermon to them - in like manner ought a Physician, first to study the constitution of his patient, the state of the system, climate &c & then consider the medicine proper for him. I have to observe that few of the observations on the diseases of Europe are applicable to those of America.

The condition of the system as shewn by the Pulse, the condition of the system - I repeat it again & again - the condition of the system, sh<sup>d</sup> govern the prescription

I formerly thought that the Typhus was not an original form of Fever, but I have since changed my opinion, & believe now that it comes from Pandora's box stamped in the original with this form of fever. This fever may become



x Stehman's case analogous! origin, Intermittent;  
 changed to the chronic low fever, and now  
 miliary!

Remedies intended to remove the debility  
 succeeding disease there are 1<sup>st</sup> Milk and  
 bread in water roasted apples. Cyters &c

chronic by saving life - but suppose its violence was so great as to terminate in 3 or 4 days, by Ref. it might be made to run the whole course of 30 or 40 days with a<sup>th</sup> it was originally stamped, & thereby death prevented. - I bled 2 Sailors in the Spring of 1803 with the Typhus, it nevertheless spun out its time for 30 or 40 days. -

It is often I believe created by a scanty depletion in Malignant & other Inflammatory fevers

When I first settled in this City the most common type of fever was the Intermittent, a<sup>th</sup> at length changed to a Chronic, the Chronic to a bilious, & the bilious to the Ty. or Malignant fever.

Many people die of debility after the termination of Typhus, like General Wolfe in the arms of Victory. Care sh<sup>d</sup> be taken to obviate debility succeeding disease. This may sometimes be done by a few drops of Laud. -

Of Convalescence. -

This consists of Debility, except of excitability, & a little morbid action, or several febrile symptoms.





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It is attended with 1<sup>st</sup> Wakefulness 2<sup>o</sup> Often  
a Nausea & vomiting of bile in the  
morning - 3<sup>o</sup> a defect or excess of Appetite  
4<sup>th</sup> Anasarcaous swellings of the limbs - This occurs  
more particularly when U<sup>r</sup> has been neglected,  
also ulcers abscesses, Coughs &c 5<sup>o</sup> Obstructions  
of the Liver Spleen &c 6<sup>th</sup> Ulceration of the parotid  
& inguinal glands - 7<sup>th</sup> An impaired state of me-  
mory, defect of Speech & even Paraphornia - 8<sup>th</sup>  
a change of the Colour of the Hair, & even a loss of  
it sometimes - 9<sup>th</sup> Costiveness & a yellow Colour. 10<sup>th</sup>  
Feverishness, especially in the afternoon, & Pulmon-  
ary affections - 11<sup>th</sup> An impaired state of the  
mental Faculties & even sometimes of the Moral  
faculties - The Remedies for these are

1<sup>st</sup> Cordial drinks as Porter, Malt liquor &c  
2<sup>o</sup> Cordial & nourishing diet - beginning with  
Chocolate, then Chicken, flesh &c - The meats  
sh<sup>d</sup> be frequent, & a small quantity at a time  
3<sup>o</sup> The usual Stimuli sh<sup>d</sup> be gradually applied  
the Gratification of the Ven<sup>er</sup> appetite & the exer-





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cise of the mental faculties sh<sup>d</sup> be avoided, also  
improper & immoderate eating & drinking  
A Salivation w<sup>d</sup> be of service in Fevers, if it  
were only to prevent excess in eating, by the  
soreness it occasions in the mouth. — The  
sudden appearance of friends sh<sup>d</sup> be avoided.  
4<sup>th</sup> A change of place or to another room is pro-  
per, for the Trials, papers, pill boxes, & never  
fail to carry with them a sedative effect —  
Huxham's Tinct: may be given, it is an excel-  
lent restorative, a table spoonful 2 or 3 times a day  
in wine. A Gent: who took a Pleurisy by going  
out a gunning could not get well until the gun  
was removed ~~from~~ his room —

5<sup>th</sup> Change of dress - shaving &c. — 6<sup>th</sup> Gentle  
exercise in a carriage, but not so much as to fa-  
tigue. The sight of places & objects to w<sup>ch</sup> we have  
been accustomed, is as it were a renewal of our  
Charter in life. — 7<sup>th</sup> Warm clothes in the day  
& warm bedclothes at night. —

#### Rules for Convalescents

1<sup>st</sup> To avoid infectious places 2<sup>d</sup> Purging 3<sup>d</sup>



+ This should be attended to if not it will pro-  
duce delirium and its consequences

3<sup>d</sup> Sitting or Standing in a current of Cold air &

I shall now enumerate the Remedies for each of the above Symptoms —

- 1<sup>st</sup> Wakefulness - this is cured by Laud: 5 or 10 gr<sup>s</sup> or what is better a little bread & cheese & porter +
- 2<sup>d</sup> Vomiting in the Morn<sup>g</sup> This depends upon Atony of the Stomach. It may be cured by taking a little <sup>food</sup> over night -
- 3<sup>d</sup> Defect or excess of appetite - the first may be cured by butters, Bark, Columbus, Rasthams Tinct: elix: vitriol: & the latter by abstinence -
- 4<sup>th</sup> Anasarca or swellings of the Limbs, by rubbing them upwards & in the morning only - In ulcers Purg: & recommends stimulating plaisters -
- 5 Obstructions of the Liver & by Cal. & Mercury. Merc: plaisters may be applied to the affected part.
- 6<sup>th</sup> Ulceration of the Parotid & inguinal glands by stimulating plaisters &
- 7<sup>th</sup> An impaired state of the Memory & These are generally difficult to remove especially when of long standing & they sometimes end in Fatuity - they may however



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+ cordial and stimulating medicines are useful  
here

sometimes be removed by gentle exercise & cold bath + 9<sup>th</sup> Costiveness & yellow skin, by Calomel & Rhubarb &c &c

Regard must be had to the Character and conduct of Nurses, who have it sometimes in their power to give or withhold the medicine or Aliment as they please. & that Physician will do best who gives the medicine himself, or if it be not in his power to do so, to choose such a Nurse as may be depended on.

The Consequences of Fevers sometimes  
 1<sup>st</sup> A sudden growth in the whole body especially in young people - 2<sup>nd</sup> An increase of fat - 3<sup>rd</sup> They sometimes carry off chronic diseases Dr Fordyce mentions the Gout being cured by the Plague 4<sup>th</sup> Remove Barrenness - This is effected by the remaining debility, it accumulates excitability, & leaves a broader surface for the Stimuli to act on - 5<sup>th</sup> Imparts Strength & Vigour to the whole body &c -

The Malignant & Gangrenous states of fever





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are often the effects of Contagion & w<sup>h</sup> the following are the causes - 1<sup>st</sup> Confinement in one room 2<sup>d</sup> Neglect in changing linen & 3<sup>d</sup> In not washing the skin - 4<sup>th</sup> Confined persons together - excrements &c -

The means of preventing them, & contagion are 1<sup>st</sup> Washing the linen, bed clothes burying the excrements &c &c - Happily however for the united States - Human contagion is scarcely known. -

### Intermitting & Remitting States of Fever. -

They are those forms of Fever w<sup>h</sup> have Paroxysms, intermissions & remissions - when they are without a chill they are called dumb - Continued fevers when they pass the 20<sup>th</sup> day generally become Septicæmic. Intermittents are frequently protracted to an immoderate period - they have been known to continue 20 or 30 years, yet they are not incurable. Intermittents are divided into 1<sup>st</sup> Quotidian, the paroxysms of w<sup>h</sup> occur



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every day -

2° Tertian, having paroxysms every third day

3° Quartan have their paroxysms every fourth day or in the space of 96 hours. The Quotidian usually attacks in the morning, the Tertian at noon, & the Quartan in the evening. The Paroxysms of intermittents are said to Anticipate & Procrastinate, as when they precede or succeed the usual time, the former shews the increase, the latter the decrease of the disease - From the accession to the going off of a fit, is called the Paroxysm. From the end of a paroxysm to the beginning of the next is called the Interval. Intermittents produce Dropsy & other diseases, chronic & incurable - They are very much influenced by the Atmosphere, & often induced by its sensible qualities. They have sometimes been brought on by a salivation, & sometimes intermittents. The Gout sometimes appears in an Intermittent form - Intermittents appear in 3





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forms 1<sup>st</sup> In the Malignant 2<sup>d</sup> In the highly inflammatory 3<sup>d</sup> In the Mild form, all of w<sup>ch</sup> require different treatment. A Fever is known to be an intermittent 1<sup>st</sup> From the hot stage succeeding the chill, & by occurring in the season in w<sup>ch</sup> Intermitents are common - 2<sup>d</sup> By the duration of the cold stage 3<sup>d</sup> By a discharge of bile during the paroxysm - 4<sup>th</sup> By the time of its attack 5<sup>th</sup> By occurring in climates that are not very hot or cold - It is little known in the W<sup>st</sup> Indies, or in climates either uniformly hot or cold. 6<sup>th</sup> The urine secreted during the fit of the Fever is clear, while that of the interval is turbid & of a brick colour.

The Treatment divides itself into three heads

1<sup>st</sup> Before the Paroxysm 2<sup>d</sup> During the paroxysm & 3<sup>d</sup> After it - - In Intermitents, if the system be low give Cordials, but if it assume an inflammatory type V. is necessary, Vomits, Purges &c The state of the Pulse, intensity of pain, vomiting &c sh<sup>d</sup> be attended to, & sh<sup>d</sup> determine





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the quantity of blood to be drawn &c D<sup>r</sup> Holmes says that in the Intermittents of Jamaica he was obliged to bleed, while in the Y. Fever he never found it necessary. I suppose that in the latter the system was reduced below the point of inflammatory action. We had a case of an Intermittent in this Hospital (Robt Rose) it was of the Tertian Type of 3 Mo<sup>s</sup> standing & was by the first V. made a continued fever - but by the 2<sup>d</sup> the patient was cured, in 8 days from the time of his admission - When it is thus protracted, the disease is not properly treated, for it is not by any means incurable. - Vernal Intermittents were formerly thought Healthy but V. is necessary in them too. Henry James said that Intermittents in the Spring were Physic for a King - But in his old age he died of one - being reminded of his saying on his death bed, by his Physician he said 'for a young King & not an old one'

When they are Mild & the pulse softens, the fit is often prevented by Laxat: & debilitating drinks



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 British Empire is a vast and powerful  
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Ref. if the pulse be tense, & neutral Salts & lit. ter tea before the first Paroxysm, Bark before the second & Laud before the third, if the inflammatory symptoms be low & the pulse Sympus as mild as the intermittent generally is in the spring, it commonly assumes an inflammatory appearance in the fall, at w<sup>h</sup> time Ref. is always proper. I have here found it necessary to bleed 3 or 4 times before the system was prepared for the Bark. —

In mild intermittents just before the Pa-  
roxysm Wine, Laud: about 30 drops; vinegar  
of pepper together, about a teaspoonful of the latter  
to half a pint of the former, Dancing, Hot & cold  
bath, Spt<sup>r</sup>. Sulphur in Spt<sup>r</sup>. Stramonium or  
Tobacco applied to the wrists, a ride on Horse-  
back, sweating before the Fire, terror, & Electricity  
will sometimes be effectual by acting on predisposing  
debility.

The Remedies to Prevent the Recurrence  
of the Paroxysm are 1<sup>st</sup> Palliative, as bitters of all



+ Sugar of lead; intoxication. oil of amber to the back  
 Cayenne pepper

kinds - Astringents as Alum & Salts & Bitters  
& astringents Combined, juice of Spiders in  
bread, or the web made into pills - Arsenic from  
1/16 to 1/10 of in substance or solution - Glue & The  
tourniquet applied around the thigh, so as to ac-  
cumulate the blood in the superior part of the  
body, it prevents the chill & lessens the Fever -

But the Peruv. Bark is superior to any of  
these & stands unrivalled in Intermitents, Taken  
ever it fails, it is owing to inattention to the state  
of the system, or because the bark is of a bad qual-  
ity, or not aided by Auxillaries. Emetics are some-  
times given as preparatory to the bark, but pur-  
ges are preferable, discharging the bile & more  
effectually. It is most effectual when given just be-  
fore the expected paroxysm. It is not safe to give it  
in tincture unless greatly diluted & to those accus-  
tomed to Sp<sup>ts</sup>. Children may have a waistcoat  
quilted with the bark, or it may be given in injec-  
tions. Sometimes the paroxysm succeeding the first  
dose of bark is worse in consequence of it - this is



The first of these is the fact that the  
 number of the population of the United States  
 has increased from 3,929,214 in 1790 to  
 22,992,884 in 1880. This increase has  
 been the result of a number of causes,  
 but the principal one is the immigration  
 of foreign born people. The number of  
 foreign born people in the United States  
 in 1880 was 4,739,000, or about 20 per  
 cent of the total population. This number  
 has increased from 1,000,000 in 1820 to  
 4,739,000 in 1880. The principal source  
 of this immigration has been Germany,  
 Ireland, and England. The number of  
 people from Germany in 1880 was 1,100,000,  
 from Ireland 1,000,000, and from England  
 800,000. The number of people from  
 other countries was 2,839,000. The  
 number of people from Germany in 1820  
 was 100,000, from Ireland 100,000, and  
 from England 100,000. The number of  
 people from other countries was 800,000.  
 The number of people from Germany in  
 1880 was 1,100,000, from Ireland  
 1,000,000, and from England 800,000.  
 The number of people from other countries  
 was 2,839,000. The number of people  
 from Germany in 1820 was 100,000,  
 from Ireland 100,000, and from England  
 100,000. The number of people from  
 other countries was 800,000.

a good sign. It may be given with Snake root orange peel, bitters of all kinds Aromatics &c in order to make it more palatable. The follow<sup>g</sup> causes may make it fail to cure - 1<sup>o</sup> Giving it in the Inflammatory state of the system 2<sup>o</sup> In visceral obstructions of the Liver Spleen &c 3<sup>o</sup> In an highly excitable state of the system - 4<sup>o</sup> In exhausted state of excitability 5<sup>o</sup> Its long use losing its effects thereby 6<sup>o</sup> By inducing Costiveness or Diarrhoea 7<sup>o</sup> By its being of a bad quality.

The Remedies for the Inflammatory  
 state of this Fever are Ref. Purge, low diet &c & then the bark seldom fails. For visceral obstructions the same with the addition of Blisters. These two states have always sizy blood. In all Intermittents that are protracted, the disease is kept up by Congestion or obstructions - for these Ref. & Mercury are necessary - Decoction or infusion is often effectual when the powder fails, owing to the accumulation of the excitability being too great for the stimulus of the pow-





der; or in other words, to the disproportion of the Stimulus to the excitability - Bitters cure when bark fails, & for the same cause - Recollect that I mentioned formerly that the willow bark cured when the Peruv. Killed. When excitability is nearly gone, large doses of Bark, as 4 to 5  $\mathcal{Z}$  of day, with ginger, Clover, Flores Martiales &c. It is very powerful when given with Iron. The lancet sh<sup>d</sup> not be forgotten in chronic cases. After long use of the Bark, lay it aside & give other Tonic bitters a day or two. If it increases Costiveness, join with it a little Rhubarb, & diarrhoea a little Laud: After all this it fails, suspect it to be bad & get better. -

After the cure a few doses of bark sh<sup>d</sup> be given about the full & change of the moon -

Blisters when applied to the wrists are often of the most evident advantage in obstinate intermissions. - Lying in bed & fasting on the day of the expected Paroxysm will often prevent it -

If all these fail, recourse must be had to a



\* *Periodical Mania*

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new Climate. Jones knew a man to be cured  
by going to sea after Bark, Arsenic, &c. had  
failed. But we must recollect that Med: some-  
times do not produce their good effects until af-  
ter they are discontinued, I cannot take leave  
of this subject without previously taking no-  
tice of the discovery of that invaluable remedy  
the bark - 1<sup>st</sup> It was discovered by an Indian  
2<sup>d</sup> Introduced into use by a Priest - 3<sup>d</sup> Reviled  
by regular bred Physicians - 4<sup>th</sup> Revived by  
a Quack & lastly - It is still unpopular in  
France & Italy and Holland.

Intermittents sometimes appear in disguised forms.

1<sup>st</sup> In Periodical Headache, toothache, earache &c.  
The remedies are V. S. Purg<sup>s</sup> - Blesters & then Bark  
The tooth, if decayed, sh<sup>d</sup> certainly be extracted +

2<sup>d</sup> In Periodical Convulsions in children, ei-  
ther as Quotidian or Tertian. -

3<sup>d</sup> In Periodical Vomits of bile, Bark sh<sup>d</sup> be  
given here. -

4<sup>th</sup> In Periodical Dysentery here the bark sh<sup>d</sup>



+ In periodical vertigo

be freely used —

5<sup>th</sup> In Periodical Coma & Apoplexy, by Vef.  
Blisters & Men Bark +

6<sup>th</sup> Eruptions on the Skin

7<sup>th</sup> In Periodical Gleet —

8<sup>th</sup> In Nyctopia or then blindness, or an inability to see after night &c — All these are known by occurring in the time of Intermittents. *B. Bark*

9<sup>th</sup> In Periodical Dropsy

11<sup>th</sup> In Periodical fever of part of the body only — as in the arm &c

The Consequence of these half cured Intermittents are 1<sup>st</sup>

Pulmonary congestions Cough & Fever — the Remedies for w<sup>ch</sup> are Vef. Purges, Merc<sup>y</sup> &c

2<sup>nd</sup> Obstructions of the Spleen Liver, Omentum &c

These are the effects of such weak Stimuli as are not sufficient to induce disease, or more frequently, owing to a want of sufficient depletion. Bark Steel &c proper here 3<sup>rd</sup> Sore legs, swelling of the Limbs, jaundice, Dropsy &c — Vef. Mercury, frictions &c — 4<sup>th</sup> Heetic —

here salivation promises most. — Heetic



+ In periodical vertigo

# Hectic

This is often confounded with the Intermittent - The Hectic often Occurs in *Phthis Pulmonalis* - Its causes are -

- 1<sup>st</sup> Ulcers, as in the joints &c
- 2<sup>d</sup> Schirr or Scrophulous tumours in the glandular parts of the body as in the Uterus &c
- 3<sup>d</sup> Obstructions in the Viscera as the Liver & Gall Stones &c

4<sup>th</sup> Sharp Needles, pins &c Recollect the Lady cured of a Hectic only by the discharge of a pin from the Vagina

5<sup>th</sup> Leucorrhoea & Menorrhagia -

6<sup>th</sup> Poisons w<sup>h</sup> have been called Slow -

7<sup>th</sup> Ordinary Stimuli rendered powerful, owing to an increased excitability

8<sup>th</sup> Atmosphere rendered impure in consequence of Mercurial exhalations ~~and mineral~~

9<sup>th</sup> Hamilton mentions its being induced by Nostalgia

10<sup>th</sup> By Pregnancy. -

Hectic differs fr<sup>m</sup> Intermittents & has the fol -





## Lowering Marks

1<sup>st</sup> They are seldom Regular longer than 3 or 4 Paroxysms - 2<sup>d</sup> Sometimes Chills without a Paroxysm - 3<sup>d</sup> No Chill - 4<sup>th</sup> Sweats succeed 2 chills, 5<sup>th</sup> The sweats give little or no relief - 6<sup>th</sup> For the fever continues after them - 6 Chills frequently appear during the sweat for 10 or 12 days at a time of Urine pale during the intermissions & turbid in the intervals - 8<sup>th</sup> Great Pains resembling those of Rheumatism - 9<sup>th</sup> Swelling without pain, & sometimes a sudden disappearance of the swelling - 10<sup>th</sup> The Hætic sometimes comes on suddenly, but generally it steals on gradually it being sometimes a month before the patient is aware of its approach - 11<sup>th</sup> There is often a circumscribed red spot on the cheek, or both, having no intermediate shade between it & the colour of the face which establishes its character - People about 45 are more subject to it, than at any other age - The Pulse varies very much in this disease, it seldom fails to give warning of its in-



+ Nearly all the causes which have been  
enumerated are only the effects of previous  
disease - Inflammation has subsided and  
the present existing is the effort of the system  
to remove the tumours, scirrhus

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sidious design. It is Sympocha or Sympochoid, Ty-  
phus or Typhoid. 12<sup>th</sup> The Patient in the hectic  
seldom complains of pain in the head, it is al-  
most an universal symptom in Intermitents.  
They sit up & without any inconvenience. The  
arterial system is chiefly affected. Women of 40  
to 45 are often subject to it from Schenit & obstruc-  
tions - wounds, poisons, Erysipelas & may all give  
rise to it. The cause of Fever from these, may be  
an unsuccessful attempt of Nature to carry off  
the exciting cause +

Remedies are, the removal of tumours, & ex-  
citing causes & as Nausea, for these may in-  
duce it. V. when the pulse is Sympocha or Syn-  
ochoid - It sh<sup>d</sup> be strictly attended to - When  
V. cannot be used - Nitre & other feeble evacu-  
ants - Bark Steel, & the Cold Bath are the reme-  
dies generally recommended. A Milk diet has  
been used to greater advantage than either of  
these, but from the great nourishment w<sup>h</sup> it con-  
tains the propriety of its being given is doubted -





I have used Bitters, Uratic acids & every tonic to no purpose. Infusion of Malt has been used with success. Governor Sparta of S<sup>c</sup> Carolina, was perfectly cured by an Old woman of this fever, with this infusion. The manner in w<sup>h</sup> it is made, is to take 2, 3, or 4 Spoonfuls of the sifted powder of Malt, to w<sup>h</sup> add a quart of boiling water, 2 or 3 Spoonfuls of sugar, & a little wine. - 2 or 3 q<sup>ts</sup> of it may be taken daily drinking sediments & all. Arsenic has been recommended here, also, Digitalis, bitters & but they generally aggravate the symptoms of the disease unless the Pulse be Typhus -

From all this it appears, that like the shirt of Hercules, it can only be shaken off by labour & exercise, but sometimes it is out of the Patients Power to take this exercise for want of means, or improper weather & - Are we then to desert them? May not some new action be created in the system, as by Salivation? To prevent the chills, from 20 to 30 drops of Laud: are



# Lectures

used with success - in some cases it was the only  
Med: that checked the disease. The most va-  
luable of all the remedies are Riding on Horse-  
back - Salivation, hard labour, Veg. & Laud:

Hunter mentions a case it was cured by am-  
putating a diseased limb, & it was the supposed  
cause. Was it by the removal of the cause, or  
by creating a new action, that this cure was ef-  
fected? I believe the latter. -

## Fabricula.

This is so common to the South in Autumn that  
few escape it - It is known by the name of in-  
ward fever. The patient is neither sick nor  
well, his hands are hot - pulse frequent weak  
& quick, dry tongue, little Headache, & high coloured  
urine - It only requires the stimulus of a glass of  
wine to be thrown into an intermittent -

Remedies - vomits, gentle purges, but above  
all blisters, bark; & sometimes Veg. if necessary



# Circular Letter

The following is a list of the names of the persons who have been elected to the office of the Secretary of the Board of Education for the year 1854-55. The names are arranged in alphabetical order.

1. Mr. J. H. Smith  
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# Critical Days.

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In spite of all the changes of climates, critical days have continued for ages - they were even noticed by Hippocrates. All fevers have critical days & are more plain & distinct in uniform climates. Dr Linnæus calls the Tertian the primary form of fever, & its critical days are on the 3<sup>d</sup>, 5<sup>th</sup>, 7<sup>th</sup>, 9<sup>th</sup>, & 11<sup>th</sup> after which the Quartan type is assumed & then the critical days are 11<sup>th</sup>, 14<sup>th</sup>, 17<sup>th</sup> & 20<sup>th</sup> & after the 20<sup>th</sup> on the 27<sup>th</sup>, 35<sup>th</sup>, & 42<sup>d</sup>. The Ty. Fever generally terminates on the critical days of 3, 5, 7<sup>th</sup> & in consequence of extreme debility the crisis is sometimes observed on a non-critical day. Dr Jackson informs us that of 60 cases of Intermitents which terminated favourable, 10 was on the 3<sup>d</sup>, 10 on the 5<sup>th</sup>, 20 on the 7<sup>th</sup>, 10 on the 9<sup>th</sup>, 5 on the 11<sup>th</sup> & 5 on the 17<sup>th</sup> day. Of 9 that died one on the 6<sup>th</sup> one on the 7<sup>th</sup> six on the 8<sup>th</sup> & one on the 10<sup>th</sup>. All continued fevers are protracted Tertians as is evident from the exacerbations on the 3<sup>d</sup> day. The continued fevers are more violent on critical days, when the Remedies are





Ref. & w<sup>h</sup> sh<sup>d</sup> be attended to: —

The present mode of practice may derive some advantage from observing the critical days in continued fevers where the remissions are not observed. The fever will be of the greatest force on the odd day, & shew a Centripetal tendency on those days; when Op & Purg<sup>s</sup> sh<sup>d</sup> be used. If the Paroxysm of fever be worse on an even or non critical day, the attention of the Physician is so much the more necessary, as the patient is then getting worse, & the fever becoming more dangerous. It generally terminates in death on the 4<sup>th</sup> or 5<sup>th</sup> day. When any doubt is entertained about giving Bark & other Stimulants, give them on non critical days. A very great advantage arises from attending to critical days, we may keep up the hopes of the Patient & thereby gain his confidence. The Critical days change in different seasons. In this place the Y. Fever generally terminates in August on the 3<sup>d</sup> day in Sept<sup>r</sup> on the 3<sup>d</sup> & 5<sup>th</sup>. In Oct<sup>r</sup> on the 5<sup>th</sup> & 7<sup>th</sup> & the later in Oct<sup>r</sup> the more protracted — & this I suppose is applicable to middle climates. — Drs





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Balfour & Lind with some others, say that Fe-  
vers show exacerbations on the full & change of  
the moon, & for about 3 days before & 3 days af-  
ter the change. I believe in the effects of the moon in  
these cases - & Dr. Moorsely says that fevers grow worse  
at such times in Jamaica - from this we may  
learn 1<sup>st</sup> To use more powerful medicines at these  
two Lunar periods - 2<sup>d</sup> Avoid more particularly all  
exciting causes at these times - 3<sup>d</sup> To guard against  
relapses on those days 4<sup>th</sup> Not to give Tonics about  
these periods.

Prognosis of Fever or of the signs  
w<sup>h</sup> indicate the issue of Fever in life & death

1<sup>st</sup> These signs vary in different Countries, in dif-  
ferent seasons in the same country, in different peo-  
ple, in different ages & in different grades of the  
same Fever - 2<sup>d</sup> There is great difference between  
the same grade of Fever in adults & children w<sup>h</sup> are  
susceptible of 2 causes 1<sup>st</sup> Children are more tenacious  
of life than Adults - hence they frequently recover af-  
ter a black vomit & half closed eyes - 2<sup>d</sup> They are  
not frightened at the black vomit or other fatal



+ Signs differ in different sexes.  
In persons habitually intemperate  
In people of irritable tempers

symptoms as Adults are . .

3<sup>d</sup> There is great difference in different periods of life —

4<sup>th</sup> The same signs differ in Meagre & Robust Habits +

5<sup>th</sup> The particular state of Health in Ancestors, for a person from healthy ancestors will survive a more violent attack of fever than one from sickly ancestors

Signs of Life & Death in general States of Fever

1<sup>st</sup> The violence, danger, & duration of Fever may be predicted from a knowledge of the violence & of the remote causes, the predisposing & exciting causes, & the suddenness of the attack without premonitory symptoms —

2<sup>d</sup> As the union or intimacy of the different parts of the system becomes broken, the fever is more dangerous, as in the Ectetic, & less so, the more general the fever is. In the Ectetic, the Arterial system alone is affected —

3<sup>d</sup> Paroxysms being worse on even than odd days — those fevers which creep on slowly, are worse than





those at<sup>t</sup> come on suddenly —

4<sup>th</sup> The absence of appetite & chill unfavourable  
Anticipating fits unfavourable & procrastinating  
fits favourable. Absence of pain & the patients say-  
ing he is too well unfavourable. If a chill comes  
on in the close of a Fever it is favourable. Sud-  
den recovery of strength is unfavourable.

Signs of Life & Death are

1<sup>st</sup> Direct debility in the beginning of Fever is not  
alarming, but at the close it is a sign of death ap-  
pearing in tremors &c. Lying constantly on the back,  
sliding down in bed, a disposition to faint, raising  
the legs in bed, tremors of the tongue, are all unfav-  
ourable symptoms —

2<sup>d</sup> Absence of pain dangerous in Malignant fevers,  
but less so than when the pulse is tense. & the pa-  
tient says he is too well. return of pain after de-  
pletion favourable — Long protracted pains are dan-  
gerous & more so in vital parts than elsewhere —  
they waste excitability — Pain returning after de-  
pletion & occupying external parts, in every state of





fever favourable, as they show a centrifugal tendency.

3<sup>d</sup> Partial heat or coldness if long continued, as cold wrists when the hands & fingers are warm, is always fatal. Cold feet & breath, long protracted chilliness, a sense of heat on the skin, or in the stomach are all unfavourable. -

4<sup>th</sup> Absence of, or immoderate thirst unfavourable, sudden subsiding of these with a dry or black tongue, & thirst for uncommon drinks are all unfavourable. -

5 The pulse being preternaturally slow, (except in old people) unfavourable - more so in children. An Intermitting pulse is dangerous - we sometimes however meet with this where there is no danger, & where it continues for habit in convalescents - I once saw it attend the whole time of convalescence - The danger is in proportion to the number of intermissions in a given time - When the pulsation is 120 the case is alarming, & when as high as 180 few recover. I once saw the pulse 208 in hectic fever, which proved fatal. -





6<sup>th</sup>. A White tongue is the sign of inflammation, a yellow one of bile, a red smooth tongue, a black & natural tongue, are very dangerous in Malign<sup>t</sup> fevers & generally fatal. A tongue becoming moist after being dry, or becoming gradually moist first for the edges, & gradually spreading over the whole is favourable. A hot tongue dangerous, but a cold one fatal. Sores on the tongue or lips, are generally safe & favourable, but always fatal when in the Fauces, tonsils & throat. Take care that you are not deceived by matters foreign to the disease, as Chewing Tobacco, when that appetite remains, port wine, liquors, jellies &c or a dry tongue made so by sleeping with the mouth open, or moist by drink or by art.

7<sup>th</sup> Eyes half closed fatal in every case in Adults except in Dysentery. One eye larger than the other, a contracted or dilated pupil, muddiness glassiness, continued motion & winking of the eyes squinting, blindness, false or double vision, catching at imaginary objects. Matter formed at



The first of these is the fact that the  
 system of the world is not a simple  
 one. It is a complex one, and it is  
 one that is constantly changing. The  
 system of the world is not a static  
 one, but it is a dynamic one. It is  
 one that is constantly evolving, and  
 it is one that is constantly adapting  
 to the changes that are taking place  
 around it. The system of the world  
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 to the changes that are taking place  
 around it.

the inner corner of the eye, involuntary tears, a felon coming & going off the Cornea are all unfavourable. The pupil of the eye being clear & lighter is favourable.

3<sup>th</sup> Deafness favourable in mild diseases but the reverse in Malignant. Tinnitus Aurium, pain from slight motion, a revival or extension of the sense of hearing after deafness are all unfavourable.

9<sup>th</sup> Supersensation, insensibility to cold. Blisters & unfavourable - sudden restoration of sensibility to cold pain & fatal - Great pain attending the touch of blisters in mild fevers are favourable: It is a favourable sign if the patient asks you how he is before you put the same question to him, & more so if he asks you about your own state of health. Gaping; sneezing, picking the nose & are favourable - they shew the return of sensibility. Return of old pain in former diseases, & looking round quickly are favourable - an exception to this occurs in Asthma.

10<sup>th</sup> Hollow eyes, contracted skin on the fore





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head, a frown, a resemblance to ancestors, the Hippocratic countenance, & one naturally placid are all unfavourable. The feverish Countenance is favourable, as is the flood - But not the livid colour of the nails - expansion of the cheeks unfavourable - Asthma will sometimes shew the most of these symptoms of death & not be dangerous -

11<sup>th</sup> Respiration sometimes slow & sometimes quick, expansion of the Ala nasi, a hollow moaning occurring when awake, but worse in sleep; Cold breath & the Rattles, all fatal in Adults.

12<sup>th</sup> A quick sharp & unnatural voice, paraphonia palatina are unfavourable. Aphonia more so, but I have seen recoveries from both of them.

13<sup>th</sup> Lying on the sides after lying on the back always favourable -

14<sup>th</sup> Old Sores returning, eruptions about the mouth, Spontaneous salivation & secretions are favourable. The Priapism is generally favourable, but in 93 it preceded death in one case. Dr. Hal-





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her relates a case in which it continued 2 hours after death. Mahomet died with this symptom. Viscid matter adhering to the teeth, gnashing them, convulsions, tremors & are fatal - also hiccup in Malignant fevers, but not in mild -

15 A return of appetite for food, tobacco coffee are favourable

16 Obstinate Costiveness from defective secretion, white stools, involuntary discharge of stools & urine, discharge of flatus without noise are all unfavourable, but when flatus is discharged with noise, it shews a command over the Sphincter Ani - this the Dr learned from an old woman. Green & black stools are favourable in bilious fevers. Stools are healthy when they are bene odorata & bene colorata. Worms when discharged alive by the anus favourable, but not when discharged by the mouth when discharged in the beginning of fever mixed with slime & alive, favourable, but when discharged dead, & in the close of fevers & unfavourable

17 Vomiting is alarming - also bloody urine



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+ favorable

+ Hiccough favorable in Malignant fever but  
in common fever unfavorable. convulsions  
are alarming.

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Suppression of <sup>the</sup> pale, high, or Coffee coloured urine are all unfavourable. Milky urine denotes a disease of long continuance, when it is cloudy, it is favourable, because it shews the sign of a crisis. Gravelly matter adhering to the sides of the pot is favourable. - This gravelly matter in calculus cases falls to the bottom, & in fevers sticks to the sides of the pot. Sweats in mild fevers if universal are favourable but if partial are not so. An acid, — or Cadaverous smell <sup>or</sup> taste of the <sup>putrid</sup> sweats ~~is~~ unfavourable & generally fatal. I have known a recovery after this mador rather than sudor in fevers. Cold sweats unfavourable. Abscesses & Glandular swellings at times favourable.

### Signs of life & Death in the Mind

Apathy unfavourable, A silent delirium more alarming than a talkative one, if this last symptom occurs after being suspended, it is favourable, but if they continue throughout the disease, this inference cannot be drawn. - Good temper is fa-





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favourable, an inquiry after news, the hour of the day or night, a disposition to be removed or to change beds are all favourable. A great desire of life, and sleep of moderate length are favourable. Want of solicitude & friendship for the family & relations unfavourable, but their return after being suspended is favourable. A slow answer to questions, wakefulness & unfavourable - A return of ill humour favourable - Sudden cures are seldom wanting especially in chronic cases. - All these symptoms may deceive us with a few exceptions. I have seen recoveries from the most unfavourable symptoms & vice versa - A Physician sh<sup>d</sup> never forsake his patient whatever may be the signs nor sh<sup>d</sup> he give a Prognostic unless pressed - But let him say that worse have recovered, & those of better symptoms have died. If pressed positively to say, let the prognostic be unfavourable; that if the patient recover, he may be thought wiser than himself, & his skill more esteemed than his judgment advised. Having



I have been thinking of you  
 very much lately and wondering  
 how you are getting on. I hope  
 you are well and happy. I  
 have been very busy lately  
 but I have managed to find  
 some time to write to you.  
 I have been thinking of you  
 very much lately and wondering  
 how you are getting on. I hope  
 you are well and happy. I  
 have been very busy lately  
 but I have managed to find  
 some time to write to you.

Having now Gent. spoken of the Primary forms of Fever I must next observe that there are six forms of fever more strongly dependant upon the arterial system than any others - viz

Yellow Fever - Inflammatory Bilious, Mild Bilious - Intermittent or Remittent & Febriacula Also that there are four more particularly connected to the Alimentary Canal - viz the Dysentery, Cholera, Colic & Diarrhoea. These you will do well to remember

We will now proceed to deliver a few remarks upon the cause, symptoms, & cure of those states of fever w<sup>ch</sup> are known by the name of the Yellow Fever, Bilious Fever, Plague, Jail Fever - Fever of Opium, & the Bite of Rabid Animals

1<sup>st</sup> Bilious states of Fever - I shall only say a few words about these forms of fever, because so many writers have spoken of them, the best of w<sup>ch</sup> are Clegborn, Hillary, Jackson. Clarke, & Hunter, & Senac - & first of the Mild Bilious - This assumes as many



The first of these is the fact that the  
 number of persons who have been  
 employed in the service of the  
 Government has increased from  
 1870 to 1880. The number of  
 persons employed in the service of  
 the Government in 1870 was 10,000  
 and in 1880 it was 15,000. This  
 increase is due to the fact that the  
 Government has been engaged in  
 a large number of public works  
 and has employed a large number of  
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 and has employed a large number of  
 persons in the service of the  
 Government.

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forms as the Y. Fever, & the cure is the same. The Pulse is moderately Sympochus, & the blood seldom ropy - The Remedies are 1<sup>st</sup> Op when the pulse is active - 2<sup>d</sup> Purgs, as salts cremor tartar & scum & sometimes Calomel - 3<sup>d</sup> Gentle vomits - 4<sup>th</sup> Diluting drinks & Cold water - 5<sup>th</sup> Blisters after the 3<sup>d</sup> or 4<sup>th</sup> day to the wrists, & after it has assumed an Intermittent type, the Bark is a Specific - When the bark is rejected - Camomile tea, Colubus, Quassia, Gentian & may be used with great advantage. Salivation is seldom necessary in this form of Fever, but sometimes necessary to prevent relapses. - The sooner this Fever comes on in the Fall, the more general it will be -

Dry air produces inflammatory & remitting fevers - Moist air Intermittent & Bilious fevers.

These forms frequently change to a grade half way between a mild & Y. Fever. I have called it the Inflammatory Remittent & have described it under the head of break bone fever in my Enquiries - These fevers still assumed a



The first of these is the fact that the  
 government has been unable to secure  
 the necessary funds to carry out its  
 policy of non-interference. This is  
 due to the fact that the government  
 has been unable to secure the necessary  
 funds to carry out its policy of non-  
 interference. This is due to the fact  
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 out its policy of non-interference.

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more Malignant form in 1793 it was the Yellow  
Fever - for an account of w<sup>h</sup> I refer you to the  
3<sup>d</sup> & 4<sup>th</sup> Vol: of my Inquiries, also to Hillary  
Meosely, Cox's Museum &c

You are not to expect to find the accounts of the  
Symptoms &c similar in all, for it appears some-  
times in the forms of Synocha, Dysentery, Palsy/  
Apoplexy, different kinds of Convulsions, Buloes  
&c In the form of Intermittents, when it kills as  
certainly as when it does not intermit. - It fre-  
quently terminates on the 5<sup>th</sup> & 7<sup>th</sup> day. It fre-  
quently appears in the form of Chronic in-  
flammatory, chronic Typhoid &c, & some-  
times in Febricula in a dumb form, in w<sup>h</sup>  
the muscles preserve their exertion, walking even  
until just before death - In the form of univer-  
sal yellowness, it is not dangerous - Fainting or  
a disposition to faint upon being moved; Sweats,  
Coldness, Petechia on the skin &c It generally  
occurs in the middle of August - the pulse  
slow, not active at sometimes, & the reverse at  
others. A natural tongue, with great heat on the





skin are dangerous symptoms - A person died of pain in the toe only, who after being opened, shewed evident signs of great inflammation in the Stomach.

The exciting Causes of this, are swimming Gunning, Vomiting by eating mushrooms, sleeping in a damp place, Fractured leg, Relinquishment of former occupations - These are what I have collected in this City especially in 1793. at which time the system was like a Florence flask. - In consequence of the Brain having white serum in its ventricles, & there being great marks of inflammation in the Stomach, when no vomiting takes place, it has been supposed that the black vomit does not occur till after the death of the Stomach.

The Remedies for vomiting are V.f. Chamomile tea, Milk, or milk & lime water of each equal parts, thin milk & Molasses, Alkaline Salts, Oatmeal roasted & tea made of it Spt of Turpentine 10 drops with sweet oil or Molasses; white Sugar 3ij Laud 30 drops - Mintwater Ziv made into a Ju.



+ Putting the hands in cold water using artificial  
cold water

+ Or hot and cold water alternately poured  
on the head

leef has been highly recommended - Total abstinence, by it, the Stomach puts itself as it were into a good humour. Blisters to the pit of the Stomach, wrists or ankles - Milk & lime water injected into the Anus - large doses of Opium by the Mouth & Rectum - Cayenne pepper &c -

For a diarrhoea, terlaceous powders & Opium For Pain in the Head, ice in bladders or cold water to it - Injections of Cold water for Pain in the bowels. Pain in the Stomach gentle frictions of Sweet oil & Laud: For Coma, cupping, Blisters, or a Plaister of Mustard all over the Head.

## Plague

This is the offspring of Miasmata. The symptoms differ for different causes, as Halits Customs, Climates &c. There is no form of Y. Fever in which the Plague does not appear - It appears in all the thirteen primary forms of Fever. It is altered not only by Climate &c. but by diet dress, manners Religious &c. It prevails in no part where there is no Animal or Vegetable putre-





factions. It is not specifically contagious. It appears in Dysentery & Maria. It never was or ever will be, exported from one Country to another. It happens as the intercourse between nations increase. The causes which prevent it here, are 1<sup>st</sup> The highly cultivated state of the Country - 2<sup>nd</sup> The great consumption of vegetables 3<sup>rd</sup> Better accommodations - 4<sup>th</sup> Cleanliness - It is kept up in Egypt by the following causes - 1<sup>st</sup> The uncultivated state of the Country - 2<sup>nd</sup> Moisture - 3<sup>rd</sup> Filthiness - 4<sup>th</sup> Bad constructed Cities, or narrow streets & 5<sup>th</sup> The doctrine of Predestination - 6<sup>th</sup> By believing in its importation. Like the Ty Fever, it is checked by cold & hot weather, & by rain. It appears after the receipt of the Nile, & goes off about the middle of June.

The Remedies are of this is sometimes useful, tho' the system is generally so prostrated, as not to admit of depletion - Sweating, Purging, Vomiting & Opium, Salivation is too slow to do good. The Plague generally terminates in sore throat & mouth - Diarrhoea, Influenza, Gonorrhoea.





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onkwa &c (See Webster's Medical Reports)

## Sail Fever.

This is sometimes attended with so great a degree of morbid action as to require 2 or 3 bleedings, or even more when the complaint is attended with obstructions - 2<sup>d</sup> It appears sometimes in Chronic or acute Dysentery - 3<sup>d</sup> It is attended occasionally with inguinal swellings w<sup>h</sup> have been mistaken for Buboes - I w<sup>h</sup> have been deceived, when Surgeon to the Army, but for Mouro &c I kept continually by me - 4<sup>th</sup> It spreads by excited matter & in cold weather - approaching a warm climate drives it entirely off Dr Hunter informed me that the soldiers never had it when they kept in the open air - 5<sup>th</sup> It is sometimes communicated by one in whom it is dormant - This may be believed from the follow<sup>g</sup> circumstance. I knew a case of a man who was never affected by handling a poisonous vine, but his wife always felt the effects of it altho' she did not touch it. 6<sup>th</sup> This fever may be shunned by avoiding all the predisposing & exciting causes mentioned. -

It may be cured by accommodating the Re-





Remedies to the different states of the System, when the Pulse is Synocha, Synochus, Synochula or Synochoid

### Fever induced by Opium

This is truly a Malignant state of Fever —

The Remedies are 1<sup>st</sup> Op. when the pulse is active or much depressed — 2<sup>d</sup> Emetics, when all others fail, a Feather may have some effect; indeed tickling the throat with a Feather is the most successful in the first instance — The Larynx may be retentive of its sensibility when that of the Stomach is lost — 3<sup>d</sup> Cold applications to the Stomach when there is much febrile heat. 4<sup>th</sup> Cordials after depletion, the best of w<sup>h</sup> are Ardent Spirits & Other — 5<sup>th</sup> Stimulating injections — & Cataplasms to the Feet — 6<sup>th</sup> Flagellation —

### Fever produced by the Bite of a Rabid Animal

For a full acct of this I refer you to the 2<sup>d</sup> Vol. of My Inquiries. —



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# Fever produced by Poisons.

There are three kinds of Poisons - The Animal, Vegetable & Mineral -

The Remedies for these are, 1<sup>st</sup> Such as act by the mouth or bowels - 2<sup>d</sup> Such as destroy the effect of the Poison by forming a mixture - 3<sup>d</sup> Such as destroy the effect of the poison by forming a new & less dangerous action - The first are vomits w<sup>ch</sup> may be excited with the finger feather & White Vitriol is the quickest of these used in its operations Snuff may be used when other medicines fail, in the dose of about 6 grs to discharge from the bowels - Purges of Sweet oil & milk & water - diluting drinks - To give those of the second head such sh<sup>d</sup> be taken as w<sup>d</sup> make a neutral mixture - The Remedies under the 3<sup>d</sup> head are to cure by creating a new but less dangerous action are Opium & Arct. M<sup>st</sup> - When these Remedies fail, excite an action on the skin - Recollect the dog cured of R<sup>ab</sup> B<sup>o</sup>ma by flagellation, & the 2 Cures given by Dar-





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win of flagellation - The worst sort of Malignant fever, is excited by the Bite of the Rattle-snake - To the state of this fever the Remedies must be accommodated -

When the fever is slow treat it as fever from other causes - Sweating has been attempted as proper - if the poison shew a tendency to pass off this way sweating sh<sup>d</sup> be used for this purpose Serpentaria Lemka &c but if they cannot be readily procured, the Vol: Alk: sh<sup>d</sup> be used -

Moseley says that an action excited in the Stomach acts in the same way as a cure when the poison has been taken by the skin, as an irritation excited on the skin does when the poison has been inwardly taken. - Sometimes the poison acts primarily on the skin inducing erysipelatous inflammat<sup>n</sup> & morbid excitement<sup>t</sup> in the blood vessels. -

We shall now consider certain states as they occur in Malignant fevers. -

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*[Faint, illegible handwriting throughout the page, likely bleed-through from the reverse side.]*

1<sup>st</sup> Sweating state of Fever. This occurs in many diseases as Pleurisy, Consumption &c. It may be with either strong or weak morbid action - that with strong occurs in the waking state, in the Ty. Fever, Pleurisy - Intermittent fever &c. & may be called the Tonic sweat - that with weak occurs in the sleeping state in the Plague & Hectic Fever, & may be called the Atonic sweat - They are Fetid - Yellow, Green, Acid &c. - In cases of great Morb. excitement where the sweating state comes on, V. of w<sup>o</sup> be proper, sitting up in bed &c. - In weak Morb. action the remedies are Elixir Vitriol & Mer. Tonics & even sometimes in the Typhoid state of fever a small V. of will prevent sweats. -

2<sup>o</sup> Fainting state. - This occurs in all those fevers of a violent & Malignant form. The remedies are small V. of. Emetics &c. The Patient will faint perhaps after the 1<sup>st</sup> 2<sup>d</sup> or 3<sup>d</sup> bleeding, but not afterwards. -







3<sup>d</sup> Burning state. This has been called Cause, but it is rather the consequence of disease - It is the Calor Mordens - the blood when trickling down the arm is burning to the patient - This is a symptom of Malignant fever. I have known the heat to be very great when the Pulse was imperceptible, hence we may determine that heat is not proportioned to the violence of the Circulation of the blood. -

The Remedies are V. & cold applications

4<sup>th</sup> Cold & Chilly state. This is often protracted for several days, is sometimes partial & sometimes general. - The Remedies are V. This has often removed the cold from the feet - & after V. friction is an useful Remedy. -

5<sup>th</sup> The Petechial. This is the Malignant form suffocated on the skin, & the system is generally prostrated when the Petechia appear. These petechia are to Malignant fevers what the prickly heat is to the mild bilious.

The Remedies are those used in the prostra-



# The History of the State of New York

From the first settlement of the Dutch in 1614 to the present time. By John Burdett, Esq. of the Middle Temple, Barrister at Law.

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tion of the system - Bark, Wine, Cordials -

## Intestinal State of Fever.

in w<sup>h</sup> are included Diarrhoea, Dysentery -  
Cholera Morbus & Colic. - & first of

Diarrhoea. Here I shall confine myself  
to the Acute & not the Chronic. This occurs  
more in the seasons in w<sup>h</sup> cold nights succeed  
hot days. This is a check to the perspiration deter-  
mining it to the bowels, also in moist weather.

It is occasioned by eating unripe fruit, & that  
in large quantities, large quantities of fresh  
meat as food, after having been accustomed to  
salt meat - by putrid meat &c. - The Re-  
medies are frequent Purges, diluting drinks  
&c. after w<sup>h</sup> Laud: internally, or about 40  
drops with ℥iv of flax seed tea injected  
up the Rectum. -





# Dysentery.

This is a higher grade of Diarrhoea. It is to Diarrhoea as Gout is to Rheumatism or Consumption to Catarrh. The discharge of Mucus alone from the intestines in Dysentery, may be called a Gonorrhoea of the Bowels. As the Dysentery is often preceded by Diarrhoea, so it often goes off in that form. The causes of Dysentery are the same as those of Diarrhoea. Bad wheat has induced it. Sour wine has done the same. humoral effluvia produces it too. It sometimes comes on as the diarrhoea with fecal discharges, but more frequently by costiveness & no discharge of bile. The Patient is attended with great pain & inclination to stool, the perspiration is generally stopt - the discharge is sometimes without blood & vice versa. The pulse is sometimes quick & at others active - The pain in the bowels, is sometimes up to the point of the Sternum, at other times low down in the Rectum & sometimes in the whole Canal. It is sometimes general in the intestines & no pain at all. A





membrane is often discharged & is the Coagulating Lymph formed into a membrane by inflammation - It is sometimes attended with faintness & a suspension of motion - Weakness sometimes so great as for the patient to be fatigued by the least motion, even speaking will tire him - Again we see patients walking till just before their death. It generally terminates in a few days, but is sometimes protracted for several months - It is then called Dysentery or Chronic Dysentery.

Dissections shew the follow<sup>g</sup> marks -  
 1<sup>st</sup> No marks of disease. This is noticed by Dr Zimmerman - the bowels in this case were diseased beyond inflammation - we may suppose death here to have come on before inflammation could take place - 2<sup>d</sup> Inflammation - 3<sup>d</sup> A Membrane  
 4<sup>th</sup> Pustules on the Intestines 5 Tubercles - 6<sup>th</sup> Gangrene, tho' this is rare - 7<sup>th</sup> The inner membrane of the small intestines abraded - 8<sup>th</sup> Diseased Liver - 9<sup>th</sup> Enlarged Spleen. - Dysentery





submits to the laws of Epidemics, & the Remedies  
 sh<sup>d</sup> be accommodated to the different forms. It is  
 Malignant - Inflammatory, Mild or Typhoid  
 & Intermittent. It prevails more in high than  
 in low situations - it appears in heights under w<sup>h</sup>  
 there is perfect health. It affects country people  
 more than Citizens, owing to the continual use of  
 Cordials by the latter. It alternates every year or  
 two with the Bilious & Ty Fever - It changes in  
 the same year - & in the same person alternates  
 every year or two. Sometimes begins as Dysentery  
 & ends as bilious fever - Dysentery sometimes  
 prevails in one part of a City, while the bilious  
 fever exists in another, both requiring the same  
 treatment. It sometimes terminates in Opthal-  
 mia. Dr. Clarkson informs us that it some-  
 times ends in Salivation. It is more fatal to  
 children & old people than to those of a mid-  
 dle age. It spares no age nor sex, nor will any  
 mode of life exempt from it. It is more common  
 among the blacks of the W Indies than the whites.



*[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]*

It occurs in the beginning of a rainy season, it is more easily cured & vice versa. There is a disease in Quito in South America similar to Dysentery it is called *Val Melle* or *Veño* - it is cured by thrusting a part or the whole of a lime up the rectum, this is mentioned by Baron Humboldt. Are there Remedies to prevent this disease? Yes, during its predisposition, a gentle purge will prevent it - Purges of Salt water will have the same effect - I once heard of a Commander who took his Soldiers to Salt water every morning, & made them drink  $\frac{1}{2}$  pint each - this effectually prevented the disease - When salt water cannot be obtained, Epsom salts may I believe with equal propriety be used -

The Remedies sh<sup>d</sup> be suited to the state of the system & the prevailing Epidemic. When the system is prostrated below the point of reaction in the first stage of the disease, all depletions sh<sup>d</sup> be avoided - Purges & vomits & have frequently caused death in such cases. The proper Remedies





are Wine, Bark, Laud: Cordials & Cordial injections

### Inflammatory state of Dysentery

Here we must again be regulated by the pulse. Pain & Ref. is generally requisite. I have caused this operation for 1 to 20 times in a patient with success - This was when it preceded the Y. fever. Dr. Bleghorn always used to bleed when it came on with chilliness, & with no discharge of bile. Purges are always proper & ought to be often repeated. Castor oil, linseed, or sweet oil - Crystals of Tartar & Sulphur are proper. The domestic Medicines are fresh churned butter milk in large draughts. Sir J<sup>n</sup> Pringle recommends Calomel & Rhubarb, but they sh<sup>d</sup> never be used until others fail - To assist, Clysters sh<sup>d</sup> be used, repeatedly. Vomits have been forbidden, but if there be much nausea they are necessary. Limes have been used, salt water, Sal Soda alone cured our prisoners in Tripoli. — Are sweats proper? Dr. Moench





speaks highly of them - tho' I think them injurious unless their use be pointed out by Nature Diluted drinks sh<sup>d</sup> be used, flaxseed tea, gum arabic, hartshorne, mullein tea, rice water, shells of hazle nuts tallow & starch in warm water - Perhaps the follow<sup>g</sup> prescription w<sup>l</sup> varies but little fr<sup>m</sup> what I have just told you, will be the most valuable in Dysentery

Mutton suet with milk hazle nuts tallow & starch - Chalk, Salt of Tart: Gum arabic & Laud: sh<sup>d</sup> be injected - Blisters to the wrists or belly are proper - The skin & bowels act on each other as Antagonising muscles, - I have heard of 2 men being cured of Dysentery by being whipped. Opium sh<sup>d</sup> be given after the reduction of Morb: excit<sup>n</sup>, if given before they increase the pain Opium sh<sup>d</sup> be given in small doses by day & in large ones by night. Towards the close, if the disease sh<sup>d</sup> run into an Intermittent form, bark sh<sup>d</sup> be used - if chronic, a salivation





This last has now become common. The practice must be varied in different years. Dr. mentions that during 60 years practice, he never saw the dysentery alike in a successive year. — Here I will propose 2 remedies often of effect in this disease — 1 Lying on the belly — 2<sup>d</sup> Smoking tobacco. When it appears a mild form of it is seldom proper, but cordials sh<sup>d</sup> be used. When pain becomes periodical, bark & Laud. sh<sup>d</sup> be used. Remember Gent: what I told you a little while past that Dysentery like the Y. Fever changes every year, & that a change of remedies is consequently necessary — Of may cure this year & it may fail the next & purges take its place. The Spaniards on the Mississippi river seldom recovered of dysentery while the Americans are almost sure to recover. — This is owing to the influence of diet, as the Spaniards had for their breakfast 4 pods of pepper, one herring, & a spoonful of sweet oil mixed. In cases of great weakness the patient sh<sup>d</sup> not rise from his bed to evacuate his bowels, a bed pan, old clothes





or a piece of soft leather sh<sup>d</sup> be used to receive them in. — The pain of *Tenesmus* arises from  
 4 Causes 1<sup>st</sup> From acid substances in the bow-  
 els as bile & 2<sup>d</sup> Ulcers 3<sup>d</sup> Affections of contigu-  
 ous parts, as the bladder - vagina uterus & 4<sup>th</sup>  
*Siballa* or what is called ball stools & *Fibulae*  
*Tenesmus* may be cured by an injection of Laud: &  
 sweet oil a Spoonful each - Equal parts of sweet oil  
 & Laud: applied on a bit of tow to the anus is use-  
 ful in *Tenesmus*, it acts like a charm in easing  
 the pain. —

The Chronic Dysentery is cured by a saliva-  
 tion riding on Horseback &c. —

Dysentery ends 1<sup>st</sup> In Health - 2<sup>d</sup> In Chro-  
 nic diarrhoea 3<sup>d</sup> In Palsy - 4<sup>th</sup> In Rheumatism 5<sup>th</sup>  
 In dropsy - 6<sup>th</sup> In Tetanus & Tympany. —

The favourable symptoms are 1<sup>st</sup> Discharge of  
 dead worms - 2<sup>d</sup> Suppression of Urine 3<sup>d</sup> Feces  
 intimately mixed with blood w<sup>h</sup> shews that  
 some vessel or vessels high up in the intestine  
 is broken. Haemorrhages are more alarming, sunk-  
 en countenance, restlessness, hiccup & a squeaking  
 voice are all fatal symptoms. — Is this dis-



*Chickadee*

ease Contagious? Only by excretion. It is most certainly contagious fr<sup>m</sup> human miasma: I deny that the Dysentery ever spreads in a way similar to that in w<sup>h</sup> the S<sup>c</sup> Pol is disseminated. I shall conclude my account of this disease with 2 remarks — 1<sup>st</sup> That when left to itself it is generally fatal — 2<sup>d</sup> That there is no disease so completely within the powers of Medicine

## Cholera Morbus.

This is a form of Bilious Colic. It is attended with a Bilious discharge upwards & downwards, It is also attended with cramp in the upper limbs as well as pain in the Stomach & Bowels. It is excited by summer fruits, night or cold air &c. —

The Remedies are to be suited to the reigning Epidemic, Pulse &c. — Since the year 1793 I have bled children in this disease with great advantage — Opium in this state does harm. In a moderate state of the disease, Cordials are serviceable, as warm toddy, peppermint tea &c. — warm embrocations on the abdomen, hot drinks &c. — Milk



# JOURNAL

(Continued)

will stop the vomiting when other remedies fail

## Bilious Colic.

This is known 1<sup>st</sup> By bilious Fever being Epidemic or preceding it. 2<sup>d</sup> By its being ushered in with a chilly fit. This distinguishes it from common Colic. 3<sup>d</sup> By a discharge of bile upwards & downwards. 4<sup>th</sup> By the pulse being more or less tense & active. It has occurred in sporadic cases in time of our Ty Fever. —

The Remedies are V. of Purges, injections, Blesters, warm bath. If all these fail, then by a salivation — This last unlocks the bowels as soon as the mouth is touched. —

Thus Gent I have finished our acct<sup>t</sup> of the Summer & Autumnal diseases. For the means of obviating the effects of Miasma in producing those diseases, I refer you to my Inquiries Vol. 4 —

We proceed next in order to treat of the Pulmonary forms of Fever w<sup>ch</sup> includes Pulmonary Catarrh, Influenza, & Pulm: Consumpt<sup>n</sup> —





# Pneumonia Vera.

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In this the pain is not always confined to the side, it sometimes extends to the shoulders, kidneys &c.

2<sup>d</sup> We see this disease sometimes very acute without pain 3<sup>d</sup> Without cough as in the Ty. Fever.

This is the worst state. No cough is a sign of inflammation of the Pleura. In the most violent cases

when the Stomach & Lungs are very much excited, they are diseased below the point of reaction, & sometimes below the point of sensibility, & consequently

a cough cannot be produced - 4<sup>th</sup> The Pulse is often depressed, the system is then prostrated below the point of reaction. In this case the pulse is raised

by 2<sup>d</sup> &c. indicates the necessity of depletion. The distinction of inflammations of the Pleura between those of the Lungs is altogether unnecessary.

5<sup>th</sup> A person once having Pneumony, is more subject to it afterwards, this is by leaving the Lungs in a weak state, & cold air & fever always determine to a weak part - I attended a patient in the 2<sup>d</sup> attack. - 6<sup>th</sup> It rarely occurs in countries uniformly cold or warm. Owing to the uniform climate of



+ or in a state of suppuration. A membrane.

4<sup>th</sup> Marks of inflammation in the *Pleura* and *Mediastinum*.

5. The disease is not always confined to the lungs it extends to the heart.

6. Effluvia are sometimes found in the Thorax of a milky or muddy appearance.



Canada it is seldom there. Pneumony is a symptom of, or is induced by Gout, Influenza, S. Pox, Catarrh, Contusions of the breast Gun shot wounds Measles, Dysentery, Diarrhoea suddenly checked, Repelled eruptions, Suppression of Habitual sweats, & Menses - Malignant fever falling on the breast &c

On Dissection, the Pleura is sound, dense & hard - at times it adheres to the lung when it is either sound or inflamed. Lungs at times shew no mark of disease as when suffocated excitement transcends inflammation. —

The Remedies are V. of accommodated to the states of the system. Certain states of the system require the loss of 8 ℥ of blood, while others require from that quantity to 14.0 ℥. Some authors say it is improper to bleed after the 4. 5-9 or 11<sup>th</sup> day, but they are mistaken. V. is necessary as long as the pulse indicates it from its tension, fulness & or as long as there is a fever - I have taken upwards of 100 ℥ of blood in 2 days, I have bled 4 times in one





day with the very best effects - I have bled after the 5<sup>th</sup> day with advantage - More Bf. is necessary in contusion than in any other case - Bleeding on the affected side is preferable to the other - the bloodvessels being <sup>often</sup> more excited on one side than on the other - The Pulse will require bleeding even after an abscess is formed or broken, for when properly managed, it may be considered as a cure - The 1<sup>st</sup>, 2<sup>d</sup> & 3<sup>d</sup> bleeding will seldom be necessary, but after this, it will generally shew itself to be so. Pregnant women require more bleeding than others -

2<sup>o</sup> Laxative Medicines, these are especially necessary when the disease is accompanied with bile - Calomel, Neutral Salts, & Antimony - Purges are improper -

3<sup>o</sup> Blisters to the sides, breasts, legs & wrists, or between the shoulders - after the 2<sup>d</sup> or 3<sup>d</sup> day, or cupping are proper, if the system be previously reduced. The Blisters may be applied in violent cases before the system is reduced to the blistering point



(c) In recovery, in death, in abscess, this may be known by partial sweats, dry cough it breaks generally in the course of a few weeks or months and discharges itself.

1 Into the Thorax

2 In the lungs which sometimes immediately suffocate and at other times, it is thrown out by spitting.



as the stimulating effects to the whole system is counterbalanced by the depletion it creates. Blisters if applied at a proper time, suspend the Cough often in one night. Recollect the unity of the skin & that diseases of the Bowels are often cured by blisters to the extremities —

Diluting drinks with Sericka & Antimonial pills are proper, also opium, in small quantities at first, as soon as the system is reduced. — As soon as the Cough comes on give Demulcent drinks, such as flaxseed tea, bran tea, barley water, fig tea, apple water &c. The Cough is sometimes constant lasting 25 days without intermission. — Are expectorants proper? No, provided *Uj* has been sufficiently used, but when the Arterial System comes to sympathize with the Cough, also when *Uj* is not performed in due time & obstructions have taken place, then may expectorants be used. — Horse Radish tea & Oxymel of Squills & Calomel are 2 good expectorants —  
Tends in Hydrothorax Coniaca &c (c)



Boonits have been used to discharge the matter of an abscess by rupturing it this is dangerous practice I never used them for this purpose.

+ From 5 to 10 grains of the Col. Alk. q. b. 2<sup>d</sup>

(d) A diarrhoea unfavorable more dangerous in young people than in adults It is also (b) dangerous in pregnant women and in old people



Emetics are proper when there is much phlegm they have matched many persons from the grave Cupping between the shoulders. Even when Expectorants have been used - V. is<sup>d</sup> be proper to facilitate the discharge of the Matter, or as Dr Sydenham expresses himself - "to draw the Cough off by the veins" The proper expectorants are Squills Gum Ammoniac Volatile Salts<sup>+</sup> The Tinct. Canthar: with Camphor so as to induce Strangury has been given in the last stage of the disease with efficacy. —

(d) When Delirium occurs about the 5 day. it is always an alarming symptom - Little Blood coming from the Lungs is unfavourable - a Diarrhoea is unfavourable - Dissolved blood on the 5<sup>th</sup> day is alarming, on the 2<sup>d</sup> not so much so. When the Pain is on the Left side it is more dangerous, but of a shorter duration. When the pain passes to the Arm or back it is favourable, but when it descends it is unfavourable. —



+ no cough, respiration performed with difficulty. It is a violent and dangerous disease some people are subject to frequent attacks of it. It comes on without any premonitory symptoms and is seldom carried off by Expectoration and when so the discharge is green or watery.



# Pneumonia Notha.

This is known by an increase of previous debility. It occurs in Springs after sickly Autumns & generally in old people. The Lungs are suffocated & engorged, & I have called this engorgement an apoplexy of the Lungs. The Pulse is soft weak & regular. The Tracheal & Bronchial vessels are so engorged with blood, that they cannot put on inflammatory action. The Pneumonia Notha & Vera are sometimes blended together, in this case the Pulse is tense. It is common

1<sup>st</sup> To old debilitated people, & weakly Constitutions

2<sup>d</sup> To Drunkards - 3<sup>d</sup> It is more common in the

Spring, & in moist than in dry climates, & in

South than North. 4<sup>th</sup> It comes on more fre-

quently in the night - 5<sup>th</sup> It attacks & fixes in

one posture - The Rev<sup>d</sup> H. Helms was taken

as he was sitting upon his sofa in a leaning pos-

ture upon the palms of his hands. Pelloes from which

situation he could not raise himself. 6<sup>th</sup> Without

a cough, respiration very difficult - 7<sup>th</sup> Sweats on the



+ Other.

breast & head. & sometimes it kills in a few  
 hours like Apoplexy of the Brain (it is an Apoplexy  
 of the lungs) & sometimes not for days. I once at-  
 tended a Gent: in the 3<sup>d</sup> attack of this disease  
 who died in 2 hours after the attack, he died in  
 a few minutes after V.f. Dr Dalzelle tells us  
 that the Negroes in the W Indies would not bear  
 V.f. - Q "It is a symptom of Gout, Pulm. Con-  
 sumpt<sup>n</sup> Y: Fever, & Influenza. Its Cure consists  
 in copious & prompt V.f. - 20 or 30 oz the 1<sup>st</sup> time taken  
 at a time, for that to 100. In some cases the first  
 V.f. is sufficient, but here the pulse sh<sup>d</sup> be our  
 guide. After V.f. Blisters & sometimes Vol:  
 Alkali + The Blisters sh<sup>d</sup> be applied to the shoul-  
 ders, Arms, & thighs at the same time, & assisted  
 by Sennapisms in great depression. Laud: sh<sup>d</sup> be  
 given in large doses after V.f. Vapours of hot wa-  
 ter or the smoke of resin received into the Lungs, they  
 rouse the lungs from their Torpor, & prevent a second  
 Congestion taking place in them, hot water to the  
 extremities, water poured on hot iron where the





warm water is not readily procured, & the vapour inhaled. I once had a patient with a violent attack of this disease, his respiration was very difficult - having no hot water or time to wait, I immediately poured water on hot iron under his mouth, & suffered him to respire it in a few minutes I asked him how he felt - his reply was, that he was a Million of times better.

We are not to expect that these diseases are always easily distinguished from each other for they are often blended. -

## Bilious Pneumony.

In this there are two morbid actions, one in the Lungs & bloodvessels, & the other in the Alimentary Canal. It is known by a redness of the eyes, sickness, vomiting, Colic & Diarrhoea, Black tongue, a low Pulse &c. 1<sup>st</sup> By prevailing in Epidemics of a Bilious kind - 2<sup>nd</sup> By prevailing late in Autumn & in the spring months after the prevalence of Bilious fevers. - There are two forms of this disease the first with a Synocha Pulse, & the second with





with a Typhus pulse or Typhoid  $\Delta^o$ . The Remedies for the first are copious & frequent & of much more so than in Pneumonia Vera or Notha, twice as much, there being two actions to subdue instead of one. Dr Gleason took 60 or 50  $\text{gr}$  in  $2\frac{1}{2}$  hours.  $2^o$  After  $\Delta^o$  the daily exhibition of purges with Calomel w<sup>th</sup> sh<sup>d</sup> be aided by glysters.  $3^o$  Vomits if the Stomach be affected with Nausea for bile.  $4^o$  Blisters &c.

It often begins with a Synocha & ends with a Typhus pulse & vice versa. Treacherous Remissions, or more properly prostrate paroxysms occur in this form of Pneumonia. The Synochus or Typhus states in this form of Pneumonia, are often so mixed & blended, that the indications of cure are with difficulty discovered, a mixed treatment, partly stimulating & partly depleting are sometimes to be pursued.

For the  $2^o$  form in w<sup>th</sup> the system is prostrated below the point of Reaction, & a great difficulty of breathing, quick breath & weakness, sweating



## Bastard Pneumony

(C) This is a disease which affects chiefly the muscles of the side and periosteum of the ribs pressure gives no pain the remedies are gentle fomentations blisters &c. is rarely necessary. all these different forms of disease blend themselves together.



Or now & then a soap bubble tension of the  
 pulse occur, the Remedies are - 1<sup>st</sup> Emetics  
 for free V. cannot be used with advantage -  
 2<sup>nd</sup> Gentle Purges or glysters, Cupping, after w<sup>th</sup>  
 Stimulants, as Wine, Bark, Laud. Col. Salt's  
 Snake Root &c sh<sup>d</sup> be used. I bled a student  
 once by the name of Craig for this disease, by  
 w<sup>th</sup> he was evidently made worse - I then used  
 Cordials & cured him. I had another patient whom  
 I injured by V. altho' his pulse was active -  
 I then used the Bark, Laud. & successfully (C)

## Catarh.

This arises from Cold &c & is nearly allied to In-  
 fluenza. It is an Atmospheric disease, & deri-  
 ved from the sensible qualities of the air -  
 Sudden changes from Heat to Cold & vice versa - from  
 the operation of these vicissitudes, it is more fre-  
 quent in G. Britain & the U. States - It is hardly  
 known in Russia & Canada -

2<sup>o</sup> It is induced from the application of cold to  
 one part of the Body. -





3<sup>d</sup> By cold applied when there is sweat.

4<sup>th</sup> Cold when long applied tho' not intense

5<sup>th</sup> When applied when the body is debilitated

All these causes are attended with obstructed perspiration

II It is induced by the exerted matter w<sup>h</sup> induces Jail Fever -

III<sup>d</sup> The smell of old locks

IV The application of land & sea air combined

V It is induced by fear, distress, & vexation. -

Cold when uniform tho' combined with moisture; this is a singular fact - Hence it is rare

in Holland. Many of the Catarrhs of our Country are brought on by sitting in rooms much heated with a current of cold air passing thro'

them. After it is formed it is occasionally contagious. It affects the Schneiderian membrane, Bronchio, & Pulm. Arteries. When

it affects the first it causes sneezing; when the Bronchio coughing; & when the Pulmon<sup>y</sup> Arteries, Abscesses. It is most dangerous & obstinate in the summer - Children as well as Adults



# Lecture 10

This is the last lecture of the course. We have covered a great deal of ground, and I hope you have found it interesting and useful. The topics we have discussed are: the history of the English language, the structure of the English sentence, the meaning of the English word, the use of the English language in different contexts, and the relationship between the English language and other languages. I hope you have enjoyed the course and that you have learned a great deal from it. I will be happy to answer any questions you may have.

are affected by Catarrhs - The former in consequence of a more copious effusion in the vital parts, & being less liable to bear them often fall victims to it - Remedies see Influenza -

## Influenza. -

This is often the precursor of Ty. Fever, & often succeeds it. It affects Brutes - Also Savages, in w<sup>h</sup> it differs from Catarrh for Cold, w<sup>h</sup> never affects the last. It rarely affects Children and Adults at the same time. -

The Remedies for Catarrh & Influenza, divide themselves into two kinds - viz - 1<sup>st</sup> Those for the forming state - & 2<sup>d</sup> Those for the state when formed. - The Remedies for the forming state are Pediluvium, Abstinence, Apple water, Wine whey, Vinegar & Molasses, diluting drinks - Mr. Garriek used to eat a salt herring for this disease, w<sup>h</sup> caused him to drink a great quantity of water, w<sup>h</sup> cured him in 24 hours. -

When the disease is formed the Remedies



The first of these is the fact that the  
 number of cases of the disease has  
 been increasing steadily since the  
 beginning of the year. This is due  
 to the fact that the disease is  
 more prevalent in the winter  
 months, and the weather is now  
 becoming colder. The second fact  
 is that the disease is more  
 prevalent in the lower classes of  
 society. This is due to the fact  
 that the lower classes are more  
 exposed to the disease, and they  
 are less able to protect themselves  
 from it. The third fact is that the  
 disease is more prevalent in the  
 crowded cities. This is due to the  
 fact that the crowded cities are  
 more likely to have a large number  
 of cases, and the disease is more  
 easily spread from one person to  
 another. The fourth fact is that the  
 disease is more prevalent in the  
 lower parts of the country. This is  
 due to the fact that the lower parts  
 of the country are more likely to  
 have a large number of cases, and  
 the disease is more easily spread  
 from one person to another. The  
 fifth fact is that the disease is  
 more prevalent in the lower parts  
 of the country. This is due to the  
 fact that the lower parts of the  
 country are more likely to have a  
 large number of cases, and the  
 disease is more easily spread from  
 one person to another.

are 1<sup>st</sup> U<sup>s</sup> according to the State of the Pulse 15 to 20 times if necessary. There are cases, where not only a tense but a soft pulse calls loudly for the lancet. The bleeding not only cures the disease, but prevents Pulm. Consumpt<sup>n</sup>. A Catarrh of Cold sh<sup>d</sup> never be neglected. — 2<sup>o</sup> Purges when there is an excess of bile — 3<sup>o</sup> Emetics — 4<sup>o</sup> Demulcent drinks — & lastly Opium &c. These diseases as being one of the causes of Pulm<sup>n</sup> Consumpt<sup>n</sup> sh<sup>d</sup> not be neglected — They often prove fatal to old people, & those of debilitated habits. — What worse w<sup>d</sup> we have than a cold? for death is nothing more than a very great cold. —

To prevent these diseases, flannel sh<sup>d</sup> be worn next the skin & the head feet & neck sh<sup>d</sup> be kept warm. — Cold baths, exercise &c are good, or rather exercise labour in the open air. —

Pulm. Consumpt<sup>n</sup>



John C. ...

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# Pulm: Consumption or Pneumonica.

I shall here briefly sum up all I have to say  
on Pneumonica in a very few words. The  
remote causes of this disease act -

I Primarily - Such as gun wounds, Mal con-  
formation, Catarrh, Pneumony, Measles, Asthma.

II Secondarily - Such as fevers of all kinds,  
Gout Venereal disease

III Sympathetically - as diseases of other parts  
of the body - as the Uterus Liver &c. -

This is nothing more than a protracted or Chronic  
Pneumony, as other Chronic diseases -

1<sup>o</sup> It is always preceded by debility -

2<sup>o</sup> This debility prevades the whole system  
This is proved for all the causes w<sup>h</sup> induce  
it (refer to my Inquiries Vol. 2) When the  
Lungs are affected, it is only in consequence  
of general debility for Cough, Pain, Watkiful-  
ness, & Expectoration. - - This I infer for

1 The Lungs being a Hardy Viscus not produ-





cing Consumpt<sup>n</sup> when even perforated by a ball, or other local injuries II Those subject to the Consumpt<sup>n</sup> are of a debilitated habit, or sedentary lives & III Infer general debility for the symptoms appearing first in the whole system, such as wakefulness, headache, Diarrhoea, Cold feet, weak appetite, burning in the hands & these symptoms sometimes continue years without a cough IV From its alternating with diseases of the whole system as Rheumatism Mania - Headache & w<sup>h</sup> are diseases of the system. -

This disease exists in the bloodvessels the effects of it are 1<sup>st</sup> It excites Cough - 2 Hemoptysis without cough - this last is a favourable symptom in the early stage, the blood is discharged without a tubercle w<sup>h</sup> shews a general disease. The Lungs are affected in consequence of fever, this fever produces an abscess (if there be no discharge) in the bloodvessels - in the bronchiae & forms tubercles. There are a few cases in w<sup>h</sup> hydatids & even small calculi are formed - Sometimes there is no



The first of these is the fact that the  
 the second is the fact that the  
 the third is the fact that the  
 the fourth is the fact that the  
 the fifth is the fact that the  
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 the ninety-eighth is the fact that the  
 the ninety-ninth is the fact that the  
 the hundredth is the fact that the

tubercle formed & only a defluxion. - Why do the bloodvessels empty themselves into the Lungs? Because of the laxity of their texture disposing them to receive morbid action - their continued exposure to cold, & their being kept in a state of predisposed debility by talking &c. Sometimes the Fever falls upon the Trachea, producing Hemorrhage Catarrh abscess, ulcer, or serous defluxion. in this case I call it Tracheal Consumpt<sup>n</sup> - it is known by a constant cough & black coloured expectoration. The cough is much more constant & the defluxion of mucus black - Some persons have this defluxion for 20, 30, 40, 50, & even 60 years without falling into Consumpt<sup>n</sup>. Here the debility is partial & Consumpt<sup>n</sup> cannot be produced without general debility. This I consider as a true Theory. It is not only in Consumpt<sup>n</sup> that the effects have been mistaken for the cause, but in other diseases We do not now ascribe the water in the head to Hydrocephalus - Water in the Brain & Membrane in the Trachea have been erroneously supposed



The first of these is the fact that the  
 number of cases of the disease has  
 been increasing steadily since the  
 beginning of the year. This is due  
 to the fact that the disease is  
 more prevalent in the winter  
 months, and the weather is now  
 becoming colder. The second fact  
 is that the disease is more  
 prevalent in the lower classes of  
 society. This is due to the fact  
 that the lower classes are more  
 exposed to the disease, and they  
 are less able to protect themselves  
 from it. The third fact is that the  
 disease is more prevalent in the  
 crowded cities. This is due to the  
 fact that the crowded cities are  
 more exposed to the disease, and  
 the people are less able to protect  
 themselves from it. The fourth  
 fact is that the disease is more  
 prevalent in the countries where  
 the climate is more temperate. This  
 is due to the fact that the climate  
 is more temperate, and the people  
 are less able to protect themselves  
 from it. The fifth fact is that the  
 disease is more prevalent in the  
 countries where the population is  
 more dense. This is due to the fact  
 that the population is more dense,  
 and the people are less able to  
 protect themselves from it. The  
 sixth fact is that the disease is  
 more prevalent in the countries  
 where the people are less healthy.  
 This is due to the fact that the  
 people are less healthy, and they  
 are less able to protect themselves  
 from it. The seventh fact is that  
 the disease is more prevalent in  
 the countries where the people are  
 less educated. This is due to the  
 fact that the people are less  
 educated, and they are less able  
 to protect themselves from it. The  
 eighth fact is that the disease is  
 more prevalent in the countries  
 where the people are less wealthy.  
 This is due to the fact that the  
 people are less wealthy, and they  
 are less able to protect themselves  
 from it. The ninth fact is that  
 the disease is more prevalent in  
 the countries where the people are  
 less clean. This is due to the fact  
 that the people are less clean, and  
 they are less able to protect  
 themselves from it. The tenth  
 fact is that the disease is more  
 prevalent in the countries where  
 the people are less careful. This is  
 due to the fact that the people are  
 less careful, and they are less able  
 to protect themselves from it.

to be the causes of Hydrocephalus, Hymanche Trachealis. — It is high time Gent. to harness the horses before the chariot of Medicine instead of behind it — it is time to ascribe effects to causes, & not causes to effects. The earth in our science has stood still sufficiently long. —

The Pulm. Consumpt<sup>n</sup> has sometimes assumed an intermediate form between it & the Pneumonia — in this case it sometimes kills in weeks, & is called a Galloping Consumpt<sup>n</sup>, but it more frequently continues 3, 4, 12 & 18 months. I had it frequently between the 18 & 40 years of my age. It generally attacks under the age of 36 fr<sup>m</sup> that to 40 & 45 & rarely at 60. I have seen it follow Pertussis. Children are not subject to it — Black eyed & red haired people are more subject to it, also such as have irritable habits & vibratile bloodvessels. — The Predisposition to Consumpt<sup>n</sup> is hereditary, but often a family disease, & often exists in whole families, even where no hereditary predisposition exists. — Dr





Craig has lost 5 children in this way & him-  
 self & wife are exempt. In the town of Salem  
 $\frac{1}{3}$  of all that died in 12 Mo<sup>s</sup> died of Consump-  
 tion  $\frac{1}{2}$  to  $\frac{1}{4}$  of all who die in G. Britain, die  
 of this disease. Those who have had the Inter-  
 mittent fever are more predisposed to it than  
 others. Moist & variable Countries or Climates pre-  
 dispose to it, especially near the sea shore, where  
 many more of the inhabitants die. The Month  
 of March in our Climate is more fatal to  
 Consumptive patients for the variable tem-  
 perature generally prevalent at that time -  
 Diseases near the sea shore or in moist climates  
 require the lancet much more than those in in-  
 land or dry countries. Moisture alone is not  
 sufficient to induce this disease - This I infer  
 from its being scarcely known in Holland &  
 Cold or very hot climates never produce it, but  
 they are unfavourable to it when formed. Few  
 have recovered who have went from Philadelphia  
 to the West Indies in this disease - Dr Blane





says a temperature  $f^{\circ}$  30 to 40 is best for Consumptive Patients. Authors divide it into first second & third Stages or Inflammatory Hectic & Typhus States - I have seen it in all its States

1<sup>st</sup> Without a chill - 2<sup>o</sup> Without a chill fever or night sweats - 2 Cases of this I have seen - 3 Without cough or expectoration - I have seen two fatal cases of this - ~~the~~ one complained of a pain in his side & inability to speak from pain only, & the other in the head. It seems unnecessary to produce fever that the air sh<sup>d</sup> have access to the lungs. - Hoarseness, Cough, Flushings or Paleness in the face - Burning sensation in the palms of the hands - The tongue is always moist. -

Pulmonary consumption has been said to be contagious for sleeping & with persons affected with it. It is believed to be so in Portugal & Spain, where the bed & clothes &c. of persons who die of it are burnt. It may be, & is, from inhaling the breath of those who have it, from being exposed to their



+ generally in the form of membranes

+ secreted by the external vessels of the lungs & pleura

12. Prematural diminution of the lungs

sweats, & from sleeping with them; & also from excretions. —

The follow<sup>g</sup> appearances shew themselves on dissection — 1<sup>st</sup> No appearance of disease at all from the effusions of the Bronchio being discharged in vessels — 2<sup>d</sup> Lymphatic Concretions as in the Trachea in Cyranche Trachealis + 3<sup>d</sup> Tubercles formed suddenly as in other parts of the Body. — 4<sup>th</sup> One or more superficial ulcers — These are always more dangerous than abscesses, as they are apt to become Cancerous — 5<sup>th</sup> Pus in the Cavity of the Thorax + 6<sup>th</sup> Water in the Thorax & Lungs. 7<sup>th</sup> Abscesses — 8<sup>th</sup> Chalky, Silecerous, & gravelly concretions. 9<sup>th</sup> Ossifications of the Arteries of the Lung. 10<sup>th</sup> Certain substances inhaled have been found there after death. — 11<sup>th</sup> Preternatural increase of the size & weight; tightness, hardness, & lastly but one Lobe has been found + Besides these appearances, the Liver, Stomach, Heart & Arteries have been found diseased. A Cough often continues for years with Spitting of blood. — Where no fever is, it <sup>does</sup>





does not kill

The Remedies for it are of two kinds, viz

1<sup>st</sup> Those for the forming state &

2<sup>d</sup> Those for the disease when formed. -

The symptoms in the forming state are of 2 kinds. 1<sup>st</sup> burning hands & feet. frequent discharge of pale urine flushing of the face

Other premonitory symptoms are a sense of fulness in the breast, with a synocha or synocha Pulse, difficulty of breathing, transient pain in the breast - I have seen these causes sometimes continue for months without inducing it. For the forming state the Remedies are 1<sup>st</sup> If the pulse be active, as the debility is generally of the indirect kind - No regard is to be paid to the apparent weakness of the Patient Women who suckle Children sh<sup>d</sup> stop directly 2<sup>d</sup> Tonics such as Bark Steel Wine & with tonic diet & salt meat - 3<sup>d</sup> Exercise such as riding on horseback, carriage & - 4<sup>th</sup> Cold bath - 5<sup>th</sup> Avoiding all exciting causes. By observing these





premonitory symptoms I have prevented many  
 hundred Consumptions. When formed it is at-  
 tended with Aguecha, Synchoid & sometimes Hec-  
 tic & Typhus pulse. — The Remedies here are such  
 as are suited to the state of the system, changes of the  
 pulse &c. I have known the pulse to run thro' all  
 its different states in a short time in this disease.  
 I have known an active pulse & ruddy blood even  
 until just before death. If it be Synchoa or Sy-  
 nochula, N. is necessary. It sh<sup>d</sup> be Small & Fre-  
quent, it has been performed 150 times with suc-  
 cess. Dr Griffiths bled a young Lady in this City  
 as often as the above, it was taken in a small quan-  
 tity at a time & repeatedly. — 2<sup>d</sup> A Vegetable diet  
 with salted meat or Fish. Milk is generally im-  
 proper in this stage unless diluted — Not more than  
 a pint of liquid diet sh<sup>d</sup> be taken daily in this  
 state of the disease. — 3<sup>d</sup> Nitre every day, this  
 acts by transferring action from the bloodvessels to  
 the bowels. — 4<sup>th</sup> Blisters to the sides & wrists I w<sup>d</sup>  
 however prefer them to the back; if to the arms,



+ It cures the disease when formed but not its  
predisposition.



they sh<sup>d</sup> be high up on the joints, especially if it  
 arises fr<sup>m</sup> secondary causes, as from Gout & Rheu-  
 matism - 5<sup>th</sup> Emetics after the system is reduced  
 recollect the sympathy between the Stomach & the tra-  
 chaea - a spitting of blood does not forbid the use of  
 Emetics - They are more particularly useful when it  
 proceeds from a cold & 6<sup>th</sup> A Salivation, the pre-  
 disposing debility w<sup>h</sup> is not removed by this, sh<sup>d</sup>  
 be obviated by Tonics, salivation is our only and  
 most radical cure - 9 out of 10, who were saliva-  
 ted in recent cases recovered - Salivation acts  
 by a revulsive power, & by destroying obstructions  
 particularly in the Spleen & Liver - This remedy in this  
 stage is generally a radical one - In spitting of  
 blood it sh<sup>d</sup> not be forbidden, but sh<sup>d</sup> rather  
 be tho't as a symptom arguing its exhibition -  
 In the second stage 2 in 3 & in the third & last  
 stage, 1 in 10 who were salivated were radically cu-  
 red. Blisters & Mercury with an Antimonial  
 powder are frequently used. It is to be regretted  
 that mercury fails so often in producing a sali-  
 vation, it fails oftener than it succeeds. In the



+ 3cloves a day

+ 10 grains three times a day

Hecke state Salivation & labour, promise more good than in the Typhus state, but it promises still more good in the Typhoid state of the pulse. In the Typhus state Opium is the best & frequently cures - perhaps when it does this, it acts by its revulsive action on the brain. Mania being induced has cured it, Garlic & tar pills & tar in different forms, tobacco, cordial drinks, the most nourishing diet & cordial & animal food. &c. I will remark here that 1<sup>st</sup> These cordials sh<sup>d</sup> be used only in the Typhus or last stage of this disease - Remember they are not to be given till the very last stage -

2<sup>d</sup> Only when they render the pulse fuller & slower

3<sup>d</sup> Should be taken all day & night - 4<sup>th</sup> That animal food is preferable to the bark. When the acute forms are reduced, travelling, swinging riding on horseback, rowing &c are proper. In travelling, regard must be had to the vehicle beginning with a Carriage & then on horse back, & also the climate & country - the sea shore sh<sup>d</sup> be avoided. - Issues as curing the con-



+ A quantity of porter and wine are useful

sumption - these may frequently do good, but I  
 have known only one case completely cured by  
 them; I prefer the perpetual blisters to them. -  
 Digitalis - this is said to lower the pulse & con-  
 sequently to increase absorption. I must how-  
 ever observe here that I have only seen one in-  
 stance in w<sup>h</sup> this was of service. I believe that  
 more good may be done by it in the youth than  
 in Pennsylvania &c. Its effects are somewhat si-  
 milar to Opium - It is given in loose pulse, in  
 this case its operation is slow, & consequently  
 of being of a more powerful Nature, is vastly  
 preferable - 2<sup>d</sup> Eating plentifully of sweet grapes has  
 cured consumpt<sup>n</sup> - I once saw a cure for Ma-  
 laga grapes 3<sup>d</sup> Large draughts of the juice of the  
 Sugar tree, & sweet apples, or the tea of them. 5<sup>th</sup> Fu-  
 migations by burning resinous substances - Burn-  
 ing Narcotic substances such as Henbane, hemlock  
 &c. & receiving the fumes into the lungs have  
 been said to be of service. 6<sup>th</sup> Reduced air -  
 Dr Priestly's daughter was cured of a consumpt<sup>n</sup>



278.

Uniform climates are preferable Portugal and  
Barbadoes are suitable ones, So. of France

by breathing the air of the same room in which a cow  
 lived. Dr Beddoe says this was not for reduced  
 air, but for the equal temperature kept up by  
 the cow - 6" Frictions have been used. They are  
 more useful when combined with some stimula-  
 ting substance. The sympathy between the Lungs  
 & skin is of an inverse nature, consequently clo-  
 thing sh<sup>d</sup> be warm, particularly to the extremities.  
 In proportion as debility is prevalent throughout  
 the system, so will be the increase of excitability  
 of the Lungs - 7" Stove Rooms are spoken highly  
 of. I have once cured with this - the heat sh<sup>d</sup> be  
 from 70 to 80 - 8" The hardships of a camp life,  
 & country life have frequently cured this disease.  
 The causes of Consumpt<sup>n</sup> sh<sup>d</sup> always be had in view.  
 If for example, Rheumatism or Gout has produced  
 it, they sh<sup>d</sup> be br<sup>o</sup>t back - applying blisters to  
 the toe for bringing back the latter - Venery  
 sh<sup>d</sup> be strictly forbidden for the Lungs & venereal  
 organs sympathize with each other - this Sympa-  
 thy extends to the Crute creation. Letting in a





current of air & talking sh<sup>d</sup> be prohibited. All the exciting causes sh<sup>d</sup> be avoided. I have known a cough suspended for 5 days by silence, I have then known it to return by talking.

The troublesome symptoms to be relieved are  
1<sup>st</sup> Cough - This must be relieved by Opium, & by all the medicines mentioned for Catarrh.

2<sup>nd</sup> Pain in the side by Ves. - 3<sup>rd</sup> Night sweats - These originate in great debility w<sup>h</sup> favours easy excitement to morbid action. The remedies are Sleeping in Flannel & on a Mattress, Frictions with Col: Alk: & 4<sup>th</sup> Swelled legs these sh<sup>d</sup> be rub-  
bed upwards & in the morning only, also by blis-  
ters & punctures on the ankles - 5<sup>th</sup> Difficulty of breathing by Ves. Col: Alk: - 6<sup>th</sup> Diarrhoea by  
tastaceous powders Laud: & they seldom check  
it, but relieve pain. -

Death is produced in the follow<sup>g</sup> ways in  
Consumption - 1<sup>st</sup> By a sudden rupture of  
an abscess & a consequent suffocation - 2<sup>nd</sup> by  
a sudden rupture of one or more bloodvessels





3<sup>o</sup> By a translation of the disease to the Brain producing Mania. 4<sup>o</sup> By Pneumonia Vera or Pneum. Notha supervening - This often occurs in those habits disposed to Pneumony or a Cold. 5<sup>o</sup> In Sore throat. 6<sup>o</sup> In swelled legs or thighs. 7<sup>o</sup> In swelled face. 8<sup>o</sup> In great pain or spasms in the limbs - This is an effort of Nature to throw off the disease, but it is too late, & induces one of the most violent & miserable Deaths. 9<sup>o</sup> Diarrhoea & Night Sweats. -

### The Signs of Life & Death are

1<sup>o</sup> Those who have a predisposition to this disease from Ancestors are with difficulty cured. 2<sup>d</sup> Gout is unfavourable when translated to the lungs. 3<sup>o</sup> Cold feet, constantly so, or obstinately so - We sh<sup>d</sup> keep our feet warm & view them as sacred. 4<sup>o</sup> When calculi are expectorated, the patient will seldom recover. 5<sup>o</sup> A Cessation of Cough without a supervening diarrhoea is unfavourable. 6<sup>o</sup> Thin watery discharge or frothy expectoration is unfavourable & seldom few recover from them, but when the expectoration is greenish or well concocted, the pa-



+ Most dangerous in young people after  
one and twenty because at that period  
of life it assumes a more inflammatory  
type.

tient may probably recover - 7<sup>th</sup> Eyes becoming lighter than natural unfavourable - 8<sup>th</sup> Lice & the hair falling off is also unfavourable - A swelled face likewise so - A Spitting of Mucus in the Beginning unfavourable - 9<sup>th</sup> Spitting of blood ~~un~~favourable in the first stage of the disease, but fatal in the last when ulceration of the lungs have come on. 10<sup>th</sup> Rheumatic pains without cough, or less than usual is unfavourable - 11<sup>th</sup> Constant vomiting in the morning fatal. —

The Trophilactics are 1<sup>st</sup> warm dresses flannel &c - 2<sup>d</sup> Op. occasionally - 3<sup>d</sup> Bark taken only in the interval of Morb. extern<sup>t</sup> & Pain & when there appears to be no need of its use. — 4<sup>th</sup> Journeys, change of Climate & removing from situations exposed to the sea &c —

I shall now speak of Cough, it being a symptom of Consumption —

## Cough. —

This differs from Catarrh in not having febrile action. It will often continue throughout the





whole of life. It is the local & primary one of w<sup>ch</sup> I speak. It is of the utmost importance to distinguish the local fr<sup>m</sup> that w<sup>ch</sup> arises fr<sup>m</sup> general disease. — This cough goes on sometimes so as to induce general debility & consequent reaction & consumpt<sup>n</sup> & death. This shews the necessity of curing it whenever it sh<sup>d</sup> occur. I have divided cough into the Tracheal & Pulmonary. The last is short & hectic, produced by direct as well as by indirect causes, & comes on suddenly. —

The Remedies are to be directed by the pulse & state of the system. While the pulse is full & is proper. 2<sup>o</sup> Abstraction of diet. 3<sup>o</sup> Emetics. 4<sup>th</sup> Long riding, walking, or standing in the open air. 5<sup>th</sup> Frequent & small draughts of cold water. I have thus cured it in myself. Lying fr<sup>m</sup> bed & standing with the back against a cold wall. I have known this succeed in a Capt<sup>n</sup> — when nothing else w<sup>d</sup> have any effect. —

The follow<sup>g</sup> Remedies are sometimes efficacious — Mallows, bran, & flaxseed tea, liquorice mixture in





the day & Land: at night - Sleep must be had  
 & silence is good. - Sweet oil & lime juice, of each  
 equal parts, a table spoonful 2 or 3 times a day - Hy-  
 sop, Horehound, Elecampane & Lungwort of each  
 a handful boiled with sugar or Molasses to an  
 extract - I have found to be an excellent remedy  
 White sugar wetted with Spirits & suffered to dis-  
 solve on the root of the tongue - Pepper mint lozen-  
 ges, burgundy pitch plaister applied between the  
 shoulders, syrup of Garlic or onions, mustard and  
 Horse radish, resin tea, a spoonful of the powder in  
 molasses - Tar pills fr<sup>m</sup> 5 to 10 grs 3 times a day  
 Oil of Amber fr<sup>m</sup> 10 to 15 drops 3 times a day. Fe-  
 ver has cured it, keeping the feet warm - too much  
 cannot be said in favour of this last remedy. Take  
 care of y<sup>r</sup> feet therefore sh<sup>d</sup> be the first word of  
 Command in the manual exercise of the Physi-  
 cian, as many diseases are induced thro' their  
 medium. Tinct: of Asafotida, Opium in small  
 doses in the day & large at night - Smoke of wax  
 resin & the like, beating the feet in cold water





every morning, smoking tobacco & lastly a salivation. This local cough is to be distinguished from the Consumptive by its being more sonorous less hollow & accompanied with less expectoration than the former. —

We come next to the Eruptive state of fever, in which are included the Small Pox - Measles - Erysipelas, Miliary Fever, Chicken pox & Dermiphigus. —  
 & first of the S. Pox —





## Small Pox.

There was a time when this disease inspired terror by its approaches - War had intervals & was of less terror. Even Pestilence was then desired in preference to it, for frost could repel it while S. pox remained undaunted at its approach. It exists in all seasons of the year states of the air & It has been computed that an eighth of the human race died of the S. pox when taken in the natural way. But Gent. we may now suppose a new era justly to have begun in medicine - The destiny of the S. pox is fixed. The day is swiftly approaching when we shall only know its name for its record in History - I say it will soon be known no more - It is prevented by a harmless antidote. Let all Military persons Celebrate the names of Cesar Alexander & C. but let our Physicians celebrate the never to be forgotten name of Dr Jenner, whose fame once extended not beyond a village, & who was once never encouraged by the rich nor patronized by the great





to him does the world owe this discovery, the preventive to the S. pox. - He it was who gave us the kind pox, w<sup>h</sup> is attended with the following advantages. -

1<sup>st</sup> It requires no preparation of the system for its inoculation -

2<sup>o</sup> It may be used indiscriminately in all seasons. It cannot be communicated when the Thermometer is at 90 nor during the blowing of the Harmattan winds in the East Indies. -

3<sup>o</sup> It is mild. -

4<sup>th</sup> Beauty is not in the least injured by it

5<sup>th</sup> It is not contagious; a part of the family may take it without disadvantage. -

6<sup>th</sup> It carries off chronic diseases

7<sup>th</sup> It is never mortal unless attended with other diseases

The following <sup>3</sup> precautions sh<sup>d</sup> be attended to.

1<sup>st</sup> Never take the matter of vaccination after the 4<sup>th</sup> day - 2<sup>o</sup> Use a sharp lancet & make as small a puncture as possible that little blood may follow - The water sh<sup>d</sup> be suffered to evapo-







rate for the matter before using it, or putting it up. Limpid matter & not purulent sh<sup>d</sup> always be used. The activity of the matter is sometimes increased by first rubbing the arm before inserting it. 3<sup>d</sup> When a seal is used it sh<sup>d</sup> be the first that is formed about the 8<sup>th</sup> or 9<sup>th</sup> day. It has been lately found that a seal will keep the matter of infection for 1 to 2 years. It is no objection that the J. pox is taken after it. This happens as often for inoculation for the S. pox. When the vaccine & variolus matter is taken twice, it arises from 2 causes -

1<sup>st</sup> An Epidemic variolus disease prevail-  
ing so as to affect the atmosphere, & strong ex-  
citing causes exposed to -

2<sup>d</sup> The matter being of a more stimulating  
kind, than that to which they were before expo-  
sed. -

Here a tribute of respect is due  
to the Cow - After she has furnished us with  
even meat itself &c. she again added to her  
services, by expelling from mankind the J. pox



+ It has been said that the Small Pox and Measles occur at the same time and in the same person. I believe it but recollect they appear in succession to each other - the remedies must accord with the state of the system. bl. purges. demulcents & Opium for cough  
 + Or by a translation of disease to the brain



Let Farmers & Planters revere the Plough.  
And all the human race revere the Cow.

## Measles.

This state of fever is raised by the Atmosphere, the pulse is sometimes Synocha, Synochula & Synchoïd, & even Typhus & Typhoid - For a full acct of the Measles I refer you to my Inquiries & other Books - I have never seen a case of putrid Measles - I will here make a few general observations - 1<sup>st</sup> Dr Willing says, he has seen it taken twice - here he mistook the Apurious & true, & he has seen he says, successive eruptions. It is often attended with Cough & Diarrhoea these are to be cured by the ordinary means. No satisfactory reasons has ever been advanced why this disease never affects but once. +

## Erysipelatic state of Fever.

This attacks both Adults & children, but more frequently the latter. It is brought on by poisonous substances. It affects the Face, breasts, limbs & death is brought on by mortification + Persons



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once affected with it are apt to have it again.

It often precedes Epidemics —

The Remedies are V. S. Purges, Blisters to the inflamed parts, cool air, when the pulse is Typhus or where Mortification is begun, give Bark. Avoid Oily & Saturnine applications. Flour sprinkled on the parts or places of eruptions is much the best — This disease is sometimes the Precursor of the Miliary fever —

Miliary Fever This is an Artificial disease bro't on by hot Regimen &c

Chicken Pox. — This is accompanied with little or no previous Fever, has few eruptions, scarcely more than 200 & those chiefly on the back. It is however of importance that we sh<sup>d</sup> attend to it for its having been mistaken for Small pox. The number of pock is small in comparison with what usually appear in S. pox — The pock dry up much sooner than in S. pox & all the symptoms are milder —

The Remedies are a gentle purge, low



# *Amphispiza*

This species is found in the  
 mountains of the Andes  
 and is very common in the  
 high mountains of the  
 Andes.

The male is very handsome  
 and is very common in the  
 high mountains of the  
 Andes.

The female is very handsome  
 and is very common in the  
 high mountains of the  
 Andes.

The young are very handsome  
 and are very common in the  
 high mountains of the  
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The young are very handsome  
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The young are very handsome  
 and are very common in the  
 high mountains of the  
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dist. & if the pulse indicate it, moderate Vef.

Pemphigus. This is a rare state of fever, we now & then meet with it as a symptom of Y. Fever. The Remedies must be suited to the state of the disease w<sup>h</sup> you will readily know by advert<sup>g</sup> to the ~~thirteen~~<sup>12</sup> primary forms of fever

We come next to the Anginose states of Fever in w<sup>h</sup> are included the Cyranche Trachealis, or what is called Croup or Hives. The Scarlet fever sore throat, the Malignant sore throat, & the different forms of simple inflammatory sore throat

Angina Parotidea or Mumps. This is a swelling of the Parotid glands; the swelling is sometimes translated to the Testicles in men & breasts in women. And sometimes ~~from~~ the testicles to the brain where it generally proves fatal. It sometimes destroys the Testicles by withering them away, this is prevented by a Blister being applied to the jaws when it



+ Owing to the soft texture of the tonsils, they  
are apt to produce pus

first comes on, & to the Testicle to prevent its affecting the Brain when far advanced. -

## Angina Pharyngea

This affects the Pharynx & impedes deglutition & is the inflammatory Sore Throat. -

The Remedies for it in its forming state, are washing the Throat with Brandy & water, and keeping it clean - Hartshorn, & Oil externally.

When formed the remedies are Of Purges, vomits, low diet &c. -

Angina Tonsillaris. This affects principally the Tonsils, & is what is called the Ulcerous Sore Throat. - In its forming state gentle Purges &c are sufficient - but when formed the Tonsils sh<sup>d</sup> be punctured with a Lancet or broken by other means. I formerly bled in this disease, but do not now unless there is danger from suffocation. The Use of a few drops by puncturing the Tonsils is better than general. Of Dr Radcliffe once cured a patient by can-



+ Swelling and ulcers behind the ears the  
matter from the nose often excoriates the  
skin



ring him to laugh heartily, & broke the humour. — Bronchotomy —

The Prophylactics are avoiding cold Feet. Keeping wool in the ears &c. It is said to be connected with Liver complaints — When this is the case, it sh<sup>d</sup> be cured by the Remedies hereafter to be mentioned for them. —

## Angina Suffocativa

of Bard or Cuelle of Tissot for its affecting the Throat. The symptoms of this are the same as in Malignant sore throat. The swelling extends down the Trachea & Bronchiae & the patient dies of Suffocation. A Spontaneous Salivation often relieves the disease. —

The Remedies for it in its forming state are the same as in the Angina scarlatina. —

The Remedies when formed are V. s. sweats, Fumigations, Vomits, Blisters behind the ears, Purges, Mercury &c. — Dr Bard recommended Bark & other tonics, tho' I found them unsuccessful in 1772 — In the hands of some of our oldest



1850



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Physicians too they proved ineffectual. I relieved it by blisters & Emetics. I once cured a Glutent Cough - the sight of it suggested its use to me; he was apparently struggling with death, but he sneezed freely, discharged a considerable quantity of mucus & thus from his nose, & in 3 or 4 hours was well enough to sit up on his bed & finally recovered. The Trophilactics are the same as for the Angina Scarlatina.

### Angina Scarlatina.

or Scarlet fever Sore Throat. This is of less morb. action than the Malignant Sore Throat & less mortal. It is generally attended with ulcers & Roughs. Sydenham said he saw but one case without Sore Throat or ulcers. In one case w<sup>ch</sup> I saw, the skin could be pulled off from the hand like an inflated glove. It sometimes kills in six hours, tho' many hundreds recover from it without an alarming symptom. It exists in the degree of morb. action from a flea bite to the plague. Dr. Stilling says that he has seen it terminate fatally in Phrenitis & Mania. Dr. Heberden says de-



The first of these is the fact that the  
 number of persons who have been  
 admitted to the office of the  
 Secretary of the State is  
 not less than the number of  
 persons who have been  
 admitted to the office of the  
 Treasurer of the State. This  
 fact is of great importance  
 in the history of the State  
 and is a strong evidence of  
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 progress of the State in  
 the direction of the  
 improvement of the State.



linum is a favourable Symptom. It can be taken more than once, & is contagious in excrements & excretions only. —

The Remedies in the forming state are Emetics &c. — When formed the Remedies are If the pulse be full & tense — 2<sup>o</sup> Vomits which may be repeated — 3<sup>d</sup> Purges — 4<sup>th</sup> Cold applications to the Arms & Legs — 5<sup>th</sup> Salivation — 6<sup>th</sup> Blisters to the legs, sweating, fumigations when the symptoms are Malignant & the Throat sore — Bark, Wine, & Saurd: Pain & Swelled limbs are favourable. I have seen it terminate in swellings of the neck & ulcerations of the submaxillary glands. A yellow skin is a fatal Symptom. It is an Atmospheric disease when it becomes Epidemic. When Emetics do not operate, it is an unfavourable Symptom. —

## Malignant Sore Throat

This generally precedes the Plague. According to W Webster it is an evanescent form of Plague — it is frequently very fatal. It prevails generally



+ Watery eye and languor



among the Rich, & more especially their children.  
 It is attended with bilious discharges. It has  
 been said to be contagious but this is a mistake  
 for it is not so except in the manner to be menti-  
 oned presently. It affects girls more than boys &  
 women more than men, & weakly persons more than  
 the robust. It is sometimes Sporadic & is an Atmos-  
 pherical disease. In Favour of its being contagious.  
 it has been said it could be taken but once. Now  
 & then it appears in the form of Synocha. It is con-  
 tagious only by an excretion of acid matter, breath  
 &c. It is a Fever of great Malignity originally & kills on  
 the 3<sup>d</sup> 5<sup>th</sup> & 7<sup>th</sup> days in this it resembles Epidemics -  
 It appears from this that the 3<sup>d</sup> 5<sup>th</sup> & 7<sup>th</sup> are the  
 days in w<sup>h</sup> malignant fevers terminate the life of  
 man. - The Remedies in its forming state, w<sup>h</sup>  
 is known by a Synocha Pulse, stiff neck & the  
 premontory signs of fever & are. Emetics especi-  
 ally turpith Mineral w<sup>h</sup> never fails to strangle  
 the disease in its forming state; it acts like a  
 Charm. - When the disease is formed - Res is





proper if the pulse be active or tense, After that  
 2<sup>d</sup> Vomits of turpith Mineral w<sup>t</sup> must be re-  
 peated until the pulse is reduced to Typhus -

3<sup>d</sup> Gentle Purges, Strong ones are very improper, be-  
 cause the intestines are now very irritable - they are  
 hurtful particularly after the 1<sup>st</sup> day. -

4<sup>th</sup> Bark afterwards with wine, & Laud: & Mer-  
 cury - How shall we act for the effects of Bark  
 & other Stimulants in this disease? Because it  
 is a Centrifugal disease & also one of very weak  
 morbid action. Blisters to the neck sweating &  
 Fumigations of Myrrh in Vinegar, Stimulating  
 gargles, taking care to wash away all the filth  
 & sloughs formed. The follow<sup>g</sup> Formula I  
 have found to be of great efficacy -

R Cayenne pepper powdered 3 teaspoonfuls,  
 Common Salt 2 tablespoonfuls boiling water  
 3viij Boil them, let it cool, & add Vinegar 3℥  
 A tablespoonful to be taken every half hour by  
 an adult. - A deafness frequently follows  
 this disease, the skin & nails come off. - The



+ symptoms are heaviness redness of the eyes  
short cough



The greater the swelling the less danger. A spontaneous sweating is always a favourable symptom. — The Prophylactics are a low diet gentle purges, Mercury & avoiding all the exciting causes. — Are these 3 last forms of sore throat the effects of different remote causes? I formerly believed they were, but I now believe they depend on one — Heberden Gregory &c

## Cynanche Trachealis +

For a description of this I refer you to Cullen & others — I shall only deliver a few facts —

1<sup>st</sup> It attacks children chiefly & sometimes, tho' very rarely, adults — General Washington died of this disease. — 2<sup>d</sup> It is generally induced by the sensible qualities of the cold air, like Pneumony &c I once saw it produced by throwing a mug of water on a child, in another in a boy by eating too largely of buck wheat cakes. — 3<sup>d</sup> It is sometimes a symptom of D. pox, Measles, Ty: Fever Rheumatism &c Dr — had the Rheumatism



+ This disease comes on suddenly and gradually and is either tonic or clonic

a diarrhoea is generally a fatal symptom



translated to the Throat, & Cataplasms bro't it back to the Feet w<sup>h</sup> saved him. 4<sup>th</sup> It is seated in the Trachea, where it produces convulsive Spasms. +

The appearances on Dissection are

1<sup>st</sup> No signs of disease, in consequence of morbid excitement being so great as to transcend inflammation - 2<sup>d</sup> Inflammation in the Trachea - 3<sup>d</sup> Matter said to be mucus, but it is really liquid - 4<sup>th</sup> A membrane formed from the coagulating lymph by inflammation - 5<sup>th</sup> Small ulcers of the Trachea. From its analogy to inflammation of the Pleura & Lungs, it may be called Tracheal

& Pleurisy - Dr Darwin called it Pleurisy of the Trachea - it has been called Trachitis - It is a family disease. -

The Remedies are 1<sup>st</sup> U<sup>n</sup> prompt & copious or often repeated, the more so because the Throat is so much out of the Circulation. Dr Physick once bled a child of 3 mo<sup>s</sup> old, 4 times & with success. Dr Dick of Alexandria used U<sup>n</sup> ad deliquium Animi generally. -

2<sup>d</sup> Active Medicines, as Emetics, recollect







Here the sympathy between the Stomach & Trachea,  
 & the Physiological fact that Children will bear  
 strong purges & often repeated than adults

3<sup>d</sup> Purge of Jalap & Calomel. Dr Physick gave  
 ℥ss of Calomel to the above child. If it sh<sup>d</sup> not yield  
 repeat the Calomel - it creates a new action in the  
 Stomach & Bowels, & seldom affects the teeth. Dr  
 Archer speaks highly of Seneka in this disease,  
 it does most good when it nauseates. Subject to  
 it because Calomel is preferable - Blisters, or Sore  
 of Mustard & applied to the throat, Pediluvium  
 Cataplasms to the extremities - In the decline of  
 the disease Opium. It is more fatal when it suc-  
 ceeds other diseases, & the danger greater when it is  
 attended with a constant stertorous breathing -  
 Eruptions are generally favourable. I will con-  
 clude this with remarking that this disease was  
 formerly in its highest grade universally fatal &  
 is seldom so now in any part of the U. States  
 To the lancet aided & regulated by the principles of  
 the unity of disease, are to be ascribed the complete  
 triumph in medicine over this disease once



+ I will make a few observations on it

1. It is a centrifugal disease
2. It affects people of all ages and occupations but those exposed to the vicissitudes of the weather most
3. It is a disease of long duration
4. It comes on with swellings of the limbs and known by synocha pulse - it is called dumb
5. It comes on with weakness and debility in the muscles - this is called dumb
6. Violent spasms in the muscles. —



formidable - An Emetic will frequently prevent its approach - V.S. seems to be confined principally to America. -

We come now to speak of the Arthritic state of fever. -

## Rheumatism.

For a particular history of this I refer you to Authors. It may be bro't on by debility from cold & Sailors, Soldiers & Washerwomen who are much exposed to fatigue & cold are much affected with it. The pains excited in the ends of the Fingers by cold is a temporary acute Rheumatism. Rheumatism of the most inflammatory kind occurs in summer - it is increased near the sea shore. It alternates with Gout, Consumption & Mania. It appears with scorbutic eruptions. It affects the joints & Muscles, & sometimes the Bowels Lungs & eyes. Rheumatism is divided into acute & chronic, in both w<sup>ch</sup> there is morbid excitement. There is rarely inflammation in Rheumatism. It is not the effect of effused blood, but serum only. In the acute, the pulse is Sympnocha, & in the Chronic



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*Synocha*. —

In the acute the Remedies are Of copious, both general & local. Fothergill & Withering for-  
bade Of the first even if the blood be viscid. In  
the first stage it may be cured by local Of only.  
but when the system begins to sympathize, this  
will be ineffectual. consequently other remedies  
must be used. as Peres — Dr. Hilling says  
he has cured Rheumatism with this without  
Of. — Neutral salts, low diet, blisters to the  
part affected, Antimonial powders. Dovers pow-  
der  $\frac{1}{2}$  10 to 20 gr<sup>s</sup> at bed time has generally  
been preferred. it is not necessary to wait till all  
action of the Gout kind, or tension of the pulse be re-  
duced to give Dovers Powder — Opium is the active  
medicine in it. —

Certain palliative local remedies in the Chronic  
State, as Cabbage leaves, Molasses, rubbing the place  
with mercurial Ointment — frictions. (Capt<sup>m</sup> Cook was  
cured in this way) Cool air. What w<sup>d</sup> be the ef-  
fect of cold water or ice in this disease? We



(a) And suffer him to stand about 12 hours

+ There are shifting pains in the head  
limbs and breast



must first speak for Analogy of the Founder'd Horse. - In this case the Horse is truly Rheumatic. The Founder in Horses, is nothing more than an inflammatory Rheumatism in the legs and back. The causes of it are either violent exercise bringing on debility, or heating him & then suffering him to cool suddenly - or eating too much, as they may all be combined to produce it. The feet for exercise, & for being remote for the violence of the Circulation are predisposed to receive the disease. The issue of a Founder in a Horse shews that it is a Rheumatic Complaint.

The remedies are to lead the Horse into a marsh, creek, or any other cold place (a) Again we see cold water cure the pain for Cold fingers in children. I ask then what might be the effect of cold water or ice in this disease. -

Rheumaticula or Chronic Rheumatism. - In this the patient can sit up & walk about the pulse is tense & small. +  
The Remedies are Chronic & without



+ avoiding too acid wines, change of residence.

+ It should be  $100^{\circ}$

This we can make no impression on the disease. It sh<sup>d</sup> be general & local, gentle purges, Low diet, Clusters, & lastly Salivation. I have cured this by V. when Gum Guaiac. failed. The limbs sh<sup>d</sup> be exercised as soon as possible, also in Rheumatism. Haygarth has recommended Bark, but I have taken no notice of this, because if we were to judge of its effects from other Stimulants, we sh<sup>d</sup> judge it improper. — Both of the above forms of Rheumatism may be avoided by shunning cold, by an habitual use of Silphur — wearing flannel to the skin, Cold bath +

ye

## Rheumatism.

This arises from a half cured acute Rheumatism, or worn out excitability. It is often attended with lameness of all the limbs, seldom attended with fever pain, constant, not severe.

The Remedies are external & Internal. The External, are the warm vapour, perhaps the sand bath. Heat has different effects ac-



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according to the medium at which it is applied. The vapour bath sh<sup>d</sup> be tried, especially when the rest have failed. When the system is roused from its torpid state, the cold bath may succeed the hot. — Frictions by the hand, flesh brush, Vol. Tinct. Guaiac. Cayenne pepper ʒss to ℥j ʒss & Electricity.

The Internal Remedies are Tinct. Guaiac. Tinct. Phtolac, mustard & Vinegar — Cyder in w<sup>h</sup> a red hot iron has been cooled. Salivation, w<sup>h</sup> is however hard to be effected — & a change of Climate from a colder to a warmer. — When abscesses are formed I have seen but few cures, & never saw one when hectic had come on. — This sometimes produces abscesses in the joints what Dr. Cullen calls Arthrosis. In these cases never prescribe without feeling the pulse, for by the exhibition of Tonics in Rheumatism, it may suddenly change to a Rheumaticula, & then to the more inflammatory Rheumatism. — The patient sh<sup>d</sup>



+ After all these remedies have failed  
even going to a warmer climate.

Dr. P. has succeeded in succeeding  
+ Milk diet continued for several months and  
the state of the system is <sup>presently</sup> improving  
even now has succeeded & that says after all  
the above remedies and even change of climate  
has failed 2 years &



use his limbs as much as possible. —

On all these forms of Rheumatism I will observe that patients sh<sup>d</sup> use their medicines as freely as possible when Morb: is reduced — There are two facts in favour of exercise in this last 1<sup>o</sup> — 2<sup>o</sup> —

I have now to add that you are not always to expect to find these forms of Rheumatism succeed each other regularly — they blend their symptoms — preceed, succeed & alternate with each other. —

## Gout.

For a full acct of this I refer you to my inquiries  
 &c.

## Tic Doloroux

This is connected with Gout & Rheumatism — I have called it the Aura Arthritica. It affects not only the cheek bones, but also the orbits of the eyes nose, tongue, lips gums & legs. The pain is exquisite, sometimes continues for a minute & then goes off, sometimes



+ It is not confined to the face it occurs in  
gouty toothache in headache and in the  
breast



disappears for months & longer. The pain is very acute, but not more so than in some other diseases. There are grades of pain, this may be the first. The head it seems emits the highest tone of pain. The parts are so exquisite sometimes that the least noise excites it. It is excited by eating drinking, & even by speaking. On the leg it has been excited by a small piece of paper falling on it. It sometimes lasts for 20 years - it is worse in the night than in the day. The pain generally lasts for half a minute to a minute. It is attended with a tic - it is one of the 6 forms of disease. The parts when examined show no marks of disease. It affects Gouty habits & is removed by the same med: w<sup>th</sup> remove gout - it has been cured by a return of Gout to the Feet. It prevails when Intermittents do in Germany. Many cases have been observed at once, & then not for many years, for this it has been considered as Epidemic & produced by the Atmosphere. From



+ apoplexy and disease of the bowels

+ abstinence and gentle purges.



these observations - - -

I have heard of its ending in Mania. All the cases that I have seen occurred in persons under 20 y<sup>r</sup>

Remedies. It has rarely been cured, but it is not, cannot be incurable - time will ensure us a remedy - 1<sup>st</sup> Plasters, Caustics, Electricity, extract of Cicuta, Salivation & Moxa. Those w<sup>h</sup> have relieved it are Opium, Stramonium, Belladonna &c. Opium has done more good when combined with Nitre. Playing at Whist has relieved it. Pediluvium &c.

The application of the Magnet has relieved it - destroying the Nerve leading to the part. Dr. Schold saw a partial cure by a discharge from an abscess in the shoulder - it returned after it had healed, but upon opening it again it was again relieved - Time has worn it down - A wound in the head has produced the same effect as the above abscess. What w<sup>d</sup> be the effect of producing an Artificial drain from the head, gentle



(d) Artificial drains of matter would perhaps be useful. I once knew it to attack the brain and produce apoplexy and death it also fell on the bowels of a lady - this gives it the appearance of Gout.

Diseases produce different effects according to the part of the brain which they attack

- 1 Those which produce Mania are situated in the upper part of the brain
- 2 Those which produce pain in the dura mater
- 3 Those which produce water in the ventricles
- 4 Those which produce apoplexy in every part of the brain.

The premonitory symptoms are wakefulness, red or watery eye, headache absence of mind in this state but a purge will cure



pleasurable sensations, as gentle friction, glysters might have a good effect. <sup>(d)</sup> What w<sup>d</sup> be the effect of applying Stimulants to the feet. When we consider how many diseases make their attack thro' the medium of the Feet, it is surprising we have never paid attention in expelling them thro' the same medium. —

We come next to the  
Cephalic State of Fever — under w<sup>h</sup> are included the Phrenitic, Maniacal, Lethargic, Apoplectic, & Paralytic states of Fever. I just

Phrenitic state of Fever. For an acct of this see Boerhaave & Cullen. That attacks the brain. It & the Maniacal state of Fever depend upon that part of the brain in w<sup>h</sup> the mind resides & consequently affect the intellectual faculties. They affect the brain partially, whereas the Apoplectic state affects the whole partially, & the Paralytic state a part only. All these states have morbid excitement for their cause. The Phrenitic state of Fever is produced — 1<sup>st</sup> By



+ Intoxication certain poisons and concussion.

+ Typhus Typhoid fever and different passions  
 violent paroxysms or emotions of the mind  
 Produced by substance, acting primarily  
 on the body.

+ Alienation of mind is its characteristic  
 symptom



1<sup>st</sup> By causes acting directly on the brain - Liso-  
lation, Percussion &c. 2<sup>d</sup> By causes acting on it  
thro' the medium of other parts of the body, as Pla-  
gue, Ty. Fever, Pneumony, Angina, Colic Hemor-  
rhoids &c. 3<sup>d</sup> From translation of excitement in all  
its forms to the brain, as repelled eruptions. It  
sometimes succeeds suppression of Urine - It is pro-  
duced by great pain in other parts of the body

The Pulse is sometimes Synocha, Typhochula ty-  
phoid, Typhus & even Typhoid, & according to J  
Hunter perfectly natural & here the indications are  
to be drawn for the suffusion of Countenance &c.  
There is an intolerance of light & sound, great mor-  
b. excitement in the muscles, & consequently great strength  
& delirium. The Phrenitic state of delirium is  
known for Mania by the diseased perceptions  
in delirium being uniform - Not so in Madness  
2<sup>d</sup> By incoherent conversation, whilst in Mania  
there are incoherent actions & conversation. 3<sup>d</sup> In  
delirium the fever is more obvious & constant. Dif-  
fused throughout the whole body, as shown in the



+ In Mania the strength of the muscles is natural and sometimes excessive

+ In Mania there is seldom an interval perfectly lucid

Delirious people raise <sup>up</sup> when sitting up than in a recumbent posture

In delirium there is a want of consciousness

Delirious people complain more of headache

+ Pus from inflammation serous vessels filled with red blood



pulse. In Mania excitement is suffocated in the brain. In delirium the strength of the muscles is gone + 4<sup>th</sup> Delirious <sup>people</sup> rarely remember what they say or do, while in Mania they remember every thing they say or do. 5<sup>th</sup> Delirium when it is a symptom of general or local disease, has rational intervals + 6<sup>th</sup> In delirium the subjects are numerous & general, but not so in Mania for they are confined to one subject. They are not specifically different from each other, but different grades of the same disease.

### Appearances on Dissection

1<sup>st</sup> No appearance of disease at all 2<sup>nd</sup> Marks of inflammation + 3<sup>rd</sup> Suppuration 4<sup>th</sup> Gangrene of some of the membranes of the brain 5<sup>th</sup> Effusions of water in the Ventricles - 6<sup>th</sup> Adhesion of the membranes. —

The Remedies when there is great morbid action are 1<sup>st</sup> Op. at. is to be particularly more copious when the disease is produced by contusion 200 grs have been taken at different times with advantage, also Cupping & Arteriotomy especially in the Temporal Artery —



+ & Physick has used this remedy with considera-  
= ble advantage.



2<sup>o</sup> Purges - 3<sup>o</sup> Blisters, first to the Ankles & wrists  
 after depletion & when the morbid excitement is  
 more completely reduced, to the Head & neck -  
 Don't use blisters till the disease is loosened & al-  
 ways first to the ankles & wrists. They either don't  
 act at all for excess of excitement, or do harm by cau-  
 sing a collection of blood in the Head, if used before.  
 4<sup>o</sup> The hair sh<sup>d</sup> be cut off & cold water once ap-  
 plied constantly to the Head - Elevating the Head  
 Silence darkness & wakefulness sh<sup>d</sup> be used. Dr  
 Hall prevented Sleep in his practice - it does good by  
 expending excitability - Land: to prevent it may  
 be given but never, never to produce it When  
 the disease arises for suppression of urine, it sh<sup>d</sup> be  
 drawn off with a Catheter. Opium sh<sup>d</sup> be carefully  
 avoided. If for suppressed Piles, they sh<sup>d</sup> be restored.  
 Salivation when it arises for contusion is more es-  
 pecially useful. When it arises for the Typhoid  
 or Typhus treat it as in those Fevers with Opium &  
 Great care sh<sup>d</sup> be taken to remove all the exciting  
 causes. —



Mania by this I mean a perversion of reason, judgement and perception or all of them attended with consistent actions

(a) Sir John Pringle says that it occurred in the Bilious fever among the British soldiers they run about like madmen.

(10) It occurs in almost all the different forms of fever when we suppose it to be owing to a depressed state of the system. the remedies are  $\phi$ , cupping, blisters, cold bath &c. this shows the utility of depletion in this state of fever

(x) Some many cases of this state of fever have occurred at the same time that it was thought to be epidemic.



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Maniacal state of Fever. This attends all the forms of Fever increasing when they increase & declining when they decline. Sometimes it attends the last stage of Typhus. Here Dr Cullen calls it Typhomania (a). Intermittent fever has several times appeared with symptomatic madness. It differs from delirium in being attended with muscular action. —

The Remedies sh<sup>d</sup> be accommodated to the State of the system & Pulse. They sh<sup>d</sup> be the same as for the Fever in w<sup>h</sup> it occurs. V. of Blisters to the neck, head, & Cataplasms

Lethargic state of Fever. (10)  
This is attended with Coma &c —

The Remedies sh<sup>d</sup> be regulated accord<sup>g</sup> to the State of the system & pulse. Sometimes it is attended with a Typhus pulse, then it sh<sup>d</sup> be treated with Stimulants &c — treated as the above state. —

Apoplectic state of Fever. (11)  
This occurs in Plague & other violent fevers. It is often fatal. It occurs also in Tertians. — The



## + Emetics

Dr Rush has offered some new opinions concerning the brain, medulla oblongata, and spinal marrow. He supposes the ventricles to be wastegates to the brain, and the space between the spinal marrow and spine and the cavity of the spinal Marrow to answer the same purpose to it. Dr Rush proves these theories by a number of facts and from the effects of diseases on these parts.



The Remedies are to be suited to the state of the brain & system. When the system reacts, copious Nef. + Blisters to the neck & head, Purgers, Clysters so large as to act by their quantity. Stimulating Cataplasms to the feet, then to the head & neck Cold applications to the head & salivation. When there is reaction Stimulants sh<sup>d</sup> be used, as Opium, Wine Other, Alcohol &c When intermissions take place, Bark sh<sup>d</sup> be used - When it assumes the Typhus or Typhoid form, the remedies sh<sup>d</sup> be such as are used in these states of Fever.

Paralytic state of Fever. This is less common than the former. It occurs in Hemiplegia &c & generally affects one side - Sometimes in the form of Paraplegia, with suppression of urine. It is produced by cold, sleeping on damp ground &c Remember I am not speaking of Apoplexy & Palsy. All these are sometimes Epidemic, for I have seen epidemics appear under all these forms. - Remedies according to the form of fever in which it exists &c. - Salivation



The causes are Primary, & Secondary or Symptomatic - 1<sup>st</sup> By contusions of the Brain, as Falls or insolation. drink and disproportionate studies  
 2<sup>d</sup> Diseases wholly translated to the Brain, or acting partially. -

The symptoms are wakefulness. pain uneasiness apoplexy headache and sometimes Mania inability to speak. It occurs without headache or alienation of mind. It is sometimes a filial disease several of the same family have died of it 9 out of 10 children have died of this disease and their parents healthy.



## Hydrocephalic or Phrenicular 2<sup>o</sup>

This is either Idiopathic or Symptomatic. It is Idiopathic when it comes on fr contusions, blows or falls on the feet. It is symptomatic when it arises fr all kinds of fever, but especially from those of a remittent & intermittent form, or when it comes on fr Consumpt<sup>n</sup> Catarrh, Eruptions, Diarrhoea, <sup>measles</sup> Dysentery, Chronic Head ache & worms. The worms may be expelled but the disease continues fr wrong action - Therefore the removal of the cause, is not sufficient for the cure of the disease. The symptoms in all these cases cease as soon as water is collected in the Brain. Celsus says "Sub lata causa tollitur effectus" but this is erroneous. The worms may be discharged, & the dropsy (which then occurs) then kills the patient. - The Pulse full & tense - becomes very frequent - This very frequent pulse is the immediate forerunner of death. - That the disease is simply Morbid excitement in the Brain I infer 1<sup>o</sup> From its usual causes 2<sup>o</sup> From its symptoms - 3<sup>o</sup> From the consequences of



When sudden it is called by Cullen Apoplexia  
Hydrocephalica.

+ These causes generally produce it in  
children.



inflammation bringing on fever, & the formation or effusion of water - 4<sup>th</sup> From the remedies to cure it - V. J. &c. It is sometimes chronic & sometimes very acute. It is produced by a retention of meconium, coagulating lymph in the stomach, dentition, eruptions, worms, opium, exercise, pain &c. Children said to be overlaid after die of this disease & those that die suddenly under 2 years, as well as those of fits &c die of this disease - Hydrocephalus may be the consequence of some injury done to the head, tho' it may not appear till some months after the injury. —

#### Appearances on Dissection. —

1<sup>st</sup> A sound brain, this has very much puzzled Physicians, but they do not consider the immense force of the disease transcending inflammation - This Morgagni takes notice of - Electricity & Hydrophobia do the same - 2<sup>d</sup> Inflammation or Redness on the Cortical part of the brain - 3<sup>d</sup> From a teaspoonful to 3vj of water in the brain w<sup>ch</sup> does not always coagulate. Sometimes this water is effused between



(c) It brings strabismus, convulsions, & death.

+ Are there any premonitory signs of this disease. I answer there are 1 weariness, wakefulness crying out in sleep, occasional headaches & dull pain in the head in this state a purge or two will generally prevent it

+ To the head



the Dura & Pia Mater - sometimes between the Pia Mater & brain, I have seen in some instances, hydatids in the substance of the brain, <sup>Pus</sup> Tumours as large as an egg has been found in the brain. - After effusion has taken place, I have cured by V. when effusion takes place there is a sudden abstraction of pain - but the water soon reacts, & causes it to return. <sup>(c)</sup> The pulse is quick +

The Remedies are V. This ought to be more copious here, because there is no back door to the brain. In the Lungs, Liver, &c. there is an Outlet - hence small tumours in the diseases of these parts may be left - In 1801 I drew 100 oz of blood from Miss Hunter at 10 bleedings & thereby cured her. I have succeeded after Strabismus & Convulsions have come on by V. Blood may also be taken by cupping, or perhaps with more advantage for the temporal artery - Scarifications on the Occiput -

2<sup>d</sup> Cold Applications & active purges, as Jalap Calomel Rhubarb - such as are suitable to destroy worms Vermifuges Pink Root sh<sup>d</sup> most carefully be avoided since it increases the determination to the head



2. to the army

(b) I have seen 2 cases cured by this remedy  
<sup>children</sup> & died by the use of it in consequence of  
mortification taking place

+ Stiff arm is an unfavorable symptom  
but I have seen a recovery after it had  
taken place



14" Blisters 1" to the legs 3" to the neck & head  
 the last sh<sup>d</sup> be very large & kept open for some time  
 In one case the blisters w<sup>d</sup> not rise on the right side  
 from there not being sufficient excitability. On the  
 opposite side it had the desired effect —

Salivation (c). Mercury rarely affects the mouth of  
 children, but when it does mortification is apt to  
 take place for the tenderness of their jaws, & we sh<sup>d</sup>  
 never excite a salivation, or attempt to do so under  
 8 or 10 years of age. When an Intermittent Type is of  
 surmised, bark sh<sup>d</sup> be given Cold bath & exercise  
 sh<sup>d</sup> be used to prevent relapses + For a more partic-  
 ular acc<sup>t</sup> I refer you to the publications of Drs  
 Fothergill & Whyte on the subject — & to the 2<sup>d</sup>  
 vol. of my Med: inquiries. —

There was a time when this disease was very  
 fatal. But it is not so now, & it is to the Lancet  
 that Magnam dei donum that we are to  
 ascribe the honour of measurably extirpating  
 this once formidable disease. —



335.

Dropsy is divided into general and local the first is most generally accompanied with hydropic diathesis as is the latter occasionally.

+ Water is the product of diseased action in the Cavities of the body. —



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## Hydropic State of Fever.

in which are included effusions of water (accompanied with Morbid action in the Bloodvessels) into the brain, lungs, cavity of the Thorax, of the Abdomen, Ovaria, Scrotum testicles & lower extremities. The Arterial system is the primary seat of 9 diseases out of ten - without fever or morbid action of the Bloodvessels, saving from the rupture of Lymphatics - there is no dropsy. - It is attended with dry skin, thirst, quick & feeble pulse, white tongue, scanty urine, sometimes high coloured, & at others pale. The effusion or secretion of water is the effect of preternatural action in the Bloodvessels - Certain states of the system tend to produce dropsy in different parts of the body. Hunter says the lymph is secreted because it is not coagulable. A Dropsy frequently succeeds half cured Remittent or Intermittent fevers. It is brot on by obstructions in the kidneys - It attacks frequently being on dropsy of the lungs - Bruises of the head, dropsy of the brain on the testicles, of







the Scrotum &c Water is found in the cavities  
 whilst air is found in other parts. In all these  
 cases morbid action precedes the effusion of water.  
 This effusion of Lymph, or Dropsy as it is called,  
 is the effect of the impeded return of blood thro'  
 the veins of the heart. The Arteries to relieve them-  
 selves of this distention, throw out this fluid into  
 the most convenient part or Cellular membrane  
 Dropsy is seldom produced in 1<sup>st</sup> Old people  
 with swelled legs, because there is no morbid action  
 in the bloodvessels 2<sup>d</sup> In the last stage of those  
 diseases called Atrophy or Morasmus, but it oc-  
 curs in Convalescence from typhus or Consumption  
 because there has been an excessive action. - 3<sup>d</sup>  
 In famine dropsy never occurs - the fever prece-  
 ding death being generally in the brain, therefore  
 without fever or morbid action in the bloodvessels  
 there can be no dropsy. This morbid action some-  
 times ruptures the Lymphatics, & after this rup-  
 ture the fever abates & changes the pulse to Syn-  
 chus, Synochoid, Typhoid or Typhus - But this



Are there any premonitory signs of this disease  
Morgagni mentions one. He saw the butchers  
raise the eye lids of the sheep after they had  
killed them - he asked them why they did so?

They answered that if no blood was to be seen  
in the eyes their livers were affected and they  
had dropsy.



effused Lymph reacts & produces a greater degree of fever. Hitherto the practice in this disease has been Empirical, & when it was cured, it was more for chance than theory or sound practice.

The Remedies must be suited to the state of the Pulse & the system. In great morbid excitement as when there is great inflammatory diathesis the remedies sh<sup>d</sup> be 1<sup>st</sup> Cf - this I have used with great success, but must confess that I am not the author of this valuable remedy or discovery, but that the honour of it belongs to the famous Botallus - 2<sup>d</sup> Purges - these sh<sup>d</sup> be lenient or drastic as the system indicates - We sh<sup>d</sup> begin with the Lenient, as Senna, Cream of Tartar & then if necessity directed, we sh<sup>d</sup> give the drastic, as Jalap, Scammony, Gamboge, Aloes & - 3<sup>d</sup> Low diet & even fasting has been of great advantage. 4<sup>th</sup> Cold applied in different ways - Vomits. 5<sup>th</sup> Heat in the form of a sand bath - Heat has had great effects - Case of the old woman who was relieved by the presence of the Physician.



(h) Labour has performed a cure. expects an artificial thirst or where this is not done gratify natural thirst sparingly.

a salination has been used with success but after the reduction of the system.

Frictions with the dry hand.



6<sup>th</sup> Travelling on foot (case of an old man from Virginia). This is not to be used till after depletion by the Lancet. The bloodvessels being the outposts & strong holds in this disease, it is first to be attacked in them. 7<sup>th</sup> Diuretics, as Digitalis, Colchicum Squills &c. These deplete but they only do it circuitously. They sh<sup>d</sup> not be wholly relied upon, but if the pulse be tense sh<sup>d</sup> be accompanied with Op. When there is weak morbid action, Stimulants & tonics sh<sup>d</sup> be used, as Cedar berries, Juniper berries, Scurvy grass, alkaline salts, iron & Mercury. Hot & cold bath, also generous diet exercise travelling &c. Vomits & purges with other depletions sh<sup>d</sup> be avoided in this state.

We will now deliver a few remarks on Dropsies as they occur in different parts of the body - & first of

Hydrothorax. This is known by a difficulty of breathing sudden starting in sleep vertigo a very general symptom, dry cough palpitation of the heart, & inability to lie on one side & sometimes on neither - Spitting of blood



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(C) Mumbness of the arm or fluctuation of water  
in the breast.

+ Water sometimes found in the pericar-  
= dium

+ A diet of onions

swelled legs, the pulse tense & full intermittent or regular. It is seldom subdued by V<sup>s</sup>. - De Haen says he has known this tense pulse when the skin appeared to be exsanguine - This disease follows a half cured Pneumony or neglected Colds. Dissections show us water on one or both sides. A membrane on the lungs or Pleura for inflam-  
mat<sup>n</sup> +

The Remedies when the pulse is full & tense are V<sup>s</sup> the blood is always sily. Altho' V<sup>s</sup> seldom lowers the pulse, yet it prepares the system for other remedies, as Diuretics w<sup>h</sup> draw off the water by the kidneys - These are Squills either in substance, extract, or oymel + two gr<sup>s</sup> of Calomel, with one of Squill may be taken twice or thrice a day. Camphor & such like substances may occasionally be combined with them. Digitalis acts like a charm in this disease - Perpetual blisters on one side - Salivation &c. When it has been produced by a retrocession of the itch, its return sh<sup>d</sup> be solicited. Purges are uniformly hurtful, this we know to be the case in all diseases of the breast & conse =



(J) After the reduction of the system plunges may be used with safety.

(a) Difficulty of breathing and lying down

\* This is an affection of the whole system occasionally



quently ought not to be exhibited unless counter-  
tendencies require them. Spitting Blood & the na-  
tural warmth of the extremities are unfavour-  
able symptoms, also pale urine. Sometimes the  
effusion of water takes place in the cavity of the  
Pericardium & in the substance of the Lungs.  
The Pulse is Quick, frequent, irregular. The Rem-  
edies are the same as in Hydrothorax.

### Ascites. + -

This takes place when there is a Collection of wa-  
ter in the whole cavity of the Abdomen or only in  
Cysts or bags. - Dropsy of the Cysts is known

1<sup>st</sup> By a greater projection of one side of the Belly  
than the other - 2<sup>nd</sup> It is most common to wo-

men - 3<sup>rd</sup> It comes on gradually - 4<sup>th</sup> There is lit-  
tle or no swelling of the legs - 5<sup>th</sup> Prurges act fee-

bly, & the water effused, by tapping has an  
oily appearance. 6<sup>th</sup> The belly has only a small

surface in this, but a large & uniform one in the  
abdominal dropsy, w<sup>ch</sup> follows Epidemics Au-  
tumnal, Remitting & Intermitting fevers - of



The encysted dropsy is attended with more pain  
the appetite impaired and little thirst women  
have their menses and bear children which  
they do not in diffused dropsy and lastly  
they are much harder to cure.



obstructions of the Viscera, or injury done to the Liver by Intemperance - in w<sup>h</sup> a fluctuation is more perceptible, & to w<sup>h</sup> tall men are more subject than the encysted dropsy - In encysted dropsy you cannot draw off the whole of the water - It prevails more in moist than dry Countries.

The Remedies are 1<sup>st</sup> V<sup>es</sup> when there is a tense or full pulse, & w<sup>h</sup> is still more indicated when the legs are swelled. - 2<sup>o</sup> Purges they are more useful in Ascites - they may either be lenient or drastic - the last are dangerous in old obstructions of the Viscera with languid pulse. Gambrige becomes less drastic by being boiled in water & then combined with Crystals of Tartar this is said to be an excellent form. - 3<sup>o</sup> Vomits when there is a tension of the abdomen. I once saw a patient in the Infirmary of Edinburgh cured by taking 12 grs of Tart. Antim: by mistake instead of an Anodyne, it puked & purged for 24 hours. -

4<sup>o</sup> Diuretics Ziv of Nitre to a Quart of water Zi of w<sup>h</sup> taken 3 times in 24 hours is of great service in great morbid action. Juniper



Light bandages round the abdomen Caustics  
applied in the region of the liver  
Warts is frequently a local disease.



berries. Squills, Digitalis, with this last I have discharged great quantities of water for the patient. Sometimes weak Diuretics as Syrup of elder Flowers parsley tea, water melon seeds & Syrup of buckthorn are better than the stronger ones as weak stimulants are often better than the stronger. — Spontaneous sweats are of great service; blisters to the ankles are necessary — there is no danger of mortification for them when the system has been reduced — Friction with sweet oil — & Salivation — When the Ascites is accompanied with Anasarca, punctures, never scarifications, sh<sup>d</sup> be made make them about the ankles or Calves of the legs. +

When there is weak morb. action, the Remedies sh<sup>d</sup> be contrary to the former. Cordial & tonic medicines sh<sup>d</sup> be used, as Steel dust & Guaiacum Purgers Vomits & Diuretics are hurtful when given alone, keeping the Patient in a recumbent posture & in bed with a belt round his abdomen — Gentian. & Iron. — Tapping sometimes procures relief in recent cases & in chronic cases sometimes prolongs life. But I have generally seen it hurt.



Serum and chyle mixed together.

ful by taking off the stimulus of distention, & has even produced death. - The Matter drawn has the following appearances - 1<sup>st</sup> Serum of a pale colour 2<sup>d</sup> Of a yellow or green colour w<sup>ch</sup> always denotes the liver to be more or less affected - 3<sup>d</sup> Like milk mixed with it - 4<sup>th</sup> A milky fluid only - 5<sup>th</sup> A gelatinous brown matter - Serum of a Coffee colour. I have seen 2 cases where 2 different fluids were discharged from two different orifices - 6<sup>th</sup> A jelly like matter too thick to be discharged - & lastly Blood. Punctures are better than Scarifications. Death frequently follows tapping tho' it sometimes prolongs life. & it has been proposed to inject Sp<sup>t</sup>. Mindereri or wine & water into the cavity of the Thorax, in order to inflame the parts & thereby produce adhesions. The following are the signs of Life & Death from the water drawn - 1<sup>st</sup> Water of a Ropy appearance with a blackish or urinous taste is favourable 2<sup>d</sup> Clear water unfavourable - 3<sup>d</sup> Fetid - 4<sup>th</sup> Yellow shews the Liver to be affected 5<sup>th</sup> Water with a red or brick dust sediment is unfavourable - 6<sup>th</sup> Jaundice &



(b) Delirium or Mania generally fatal

(g) It sometimes affects both and is combined with Schirrh. I once cured a patient by Bark, wine, and arsenic.

(c) Frictions, bandages, &c.

+ This is a disease of the whole body

(p) for days and weeks



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& Diarrhoea are unfavourable - Restlessness, Lax, or  
a Chilly fit after tapping are always bad (b) -

### Dropsy of the Crania.

This may exist many years without inconvenience  
to the patient; it is commonly discovered on one side  
only (g) The only Remedy is a Salivation. -

### Dropsy of the Uterus. -

This frequently attacks women. The water is sometimes  
discharged before & sometimes after delivery. I knew  
a case of a Lady who discharged this water after  
delivery - but she & the child died. -

The Remedies are Purges &

### Dropsy of the Scrotum.

In this the water is to be discharged by Punc-  
ture (h) for an acct of it - I refer you to the Profes-  
sor of Surgery

### Anasarca +

This is generally the effect of Fever or Pneumony or  
Intemperance. A recumbent posture is proper (i)



(4) In the feet ankles and legs.

(d) All the remedies that are used in general dropsy may be used here  
light rollers round the feet and legs after  
the reduction of the swelling

+ plague and Rheumatism calculi &c

Symptoms, sickness at stomach vomiting  
bloody urine, numbness of the limbs &c



the patient ought to be constantly so. The legs sh<sup>d</sup> be rubbed upwards & in the morning only. Blisters to the legs, punctures & not scarifications - & Salivation are proper. & then Tonics (d) The Digitalis has been more beneficial in this species of Dropsy than any other. - Here then Gent: let me add, never prescribe in Dropsy without feeling the pulse, to w<sup>ch</sup> attend daily - for you see what opposite remedies are necessary in different states of the System

## Nephritic State of Fever.

This is an affection of the Kidneys, & is sometimes symptomatic of Gout & Ty. Fever & arises fr<sup>m</sup> a translocation of Moch: excitement to that part. The urine is often pale, sometimes copper coloured, or black. Sometimes a total suppression of secretion & excretion of urine, fr<sup>m</sup> an engorgement of the kidneys.

The Remedies must be suited to the state of the system - They are Vef. Purge & cold air, especially when there is an engorgement - Demulcent drinks



# *[Faint, illegible title]*

*[The body of the page contains approximately 20 lines of extremely faint, illegible handwriting. The text is too faded to be transcribed accurately.]*

I warm bath. Dr Petit adds Emetics. — Sydenham recommends the patient to sit up in bed, or stand in cold weather — Under this head we shall speak of

## Diabetes. —

It generally affects adults, but at times children — I have known it to affect a boy of 8 years. I have hitherto thought this disease local, but now I believe it to be a general & febrile disease for its symptoms are a quick, tense, or feeble pulse & sometimes full; heat, thirst, pain in the head, giddiness, palpitation of the heart, morbid appetite yellow colour of the eyes, Costiveness, Diarrhoea pain in the limbs, dulness of the senses, constant sense of sweetness on the tongue &c. This disease is an increase of the urinary discharge. The palpitation sore mouth & gums are sometimes precursors to this disease. The Remote causes producing this disease are debilitating — as Cold bruises, drinking to excess, contusions, the debilitating passions of the mind &c. It is known by a pain in the testicles





from the Kidnies. Acids may produce it - 36 3  
 of urine in diabetes yielded 312 of Sugar. The  
 urine is sweet & pale - this urine putrefies sooner  
 than healthy urine. -

On Dissection the Kidnies appeared swelled and  
 spongy & emitted a sour smell. The sweats &  
 saliva was sweet, & the Stomach & Liver shewed  
 the disease. When the sweats are acid, it is ow-  
 ing to an acetous fermentation. These sweats may  
 be called diabetes of the pores. This saccharine  
 diathesis is nothing more than an incomplete  
 animalization of the food &c - The Pulse is full  
 bounding & tense. - There is great morbid ex-  
 citement in this disease, & hence the Remedies are  
 1<sup>st</sup> Small & frequent Doses. The blood in all cases  
 shews great marks of disease, it is less putrescent  
 than the blood of healthy persons; it generally exhi-  
 bits a sizy coat. As it is a Chronic disease Doses  
 sh<sup>d</sup> be used as an Alternative, for w<sup>h</sup> it sh<sup>d</sup> be ta-  
 ken in small quantities & often. Dr Darwin  
 speaks highly of alum & Rhubarb, Dovers Powder,





ura ursi, combined with opium bark & lime  
 water are good — 2<sup>d</sup> Emetics, Purgers, low diet,  
 afterwards alum whey, bark, exercise, steel with  
 gentian, oil of amber, garlic & tar pills. I knew  
 a case to be cured by translocation of goat to the feet.  
 Bathing salivation, & frictions with oil have been re-  
 commended — bathing the parts about the kidneys  
 with fish oil, have been used in Scotland. This  
 acts by stopping the pores. There is a great differ-  
 ence between the state of the system reduced by  
 Aef. & that brot on by the blood wearing down the  
 excitability of the bloodvessels. The distressing  
 thirst is relieved by drinking oatmeal in water. All  
 the remote causes sh<sup>d</sup> be avoided. Sweet oil sh<sup>d</sup>  
 be taken to blunt the appetite — or Tobacco used —  
 reduce the daily quantity of blood. —

We want no new articles in the Mat. Med.  
 when we come to know those we have. When  
 the unity of disease shall be acknowledged, then  
 shall we regard the symptoms only, & then shall  
 the name of fever be swallowed up in that of dis-



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case. Dean Swift used to say, that proper words in their proper places constituted style, in like manner I say that proper medicines in their proper doses & at proper times, constitute the perfection of the healing art. —

## Hemorrhagic state of fever

In it<sup>h</sup> are included discharges of blood accompanied with morbid action in the bloodvessels, from the nose &c &c. The symptoms are chills, heat, thirst, & frequent pulse. I will here deliver a few propositions. 1<sup>st</sup> All spontaneous hemorrhages are preceded by debility in the arterial system in common with other general diseases — 2<sup>d</sup> This debility is produced by all the causes producing fever, & by the aliments exceeding the excretions. — It occurs chiefly at puberty when a cessation of growth takes place, & when the body does not require all the blood it contains for its support 3<sup>d</sup> Hence a Plethora is induced — 1<sup>st</sup> By an excess in the bloodvessels after laxity 2<sup>d</sup> Excess of blood from





from the top of a limb. 4<sup>th</sup> Hemorrhages are from  
 the arteries at the age of 36 & afterwards when they  
 have gained the Plethora from the veins. The he-  
 morrhage is from veins when it comes from the Liver,  
 Spleen, Stomach &c. Hemorrhages are from the Ar-  
 teries in Youth & then they come from the Lips &  
 nose. In these however there are some exceptions.  
 Stahl divided Hemorrhages into active & passive, &  
 in this he was followed by Cullen. I deny this  
 division as proper. I divide them according to the  
 unity of disease (its theory) into hemorrhages  
 of great morbid action, & weak morbid action —  
 They may be known from the State of the Pulse. The  
 only passive Hemorrhage we have, is that from slight  
 wounds, <sup>without fever</sup> or any deficiency of Coagulium in the  
 blood. It is sometimes a family disease & is relie-  
 ved by pressure only. — Case of a tooth drawn, in  
 consequence of which a Hemorrhage so violent oc-  
 curred, that it was stop'd only by the finger being  
 kept continually pressed upon the part for 3 days  
 & nights. —



(c) Sudden emotions of the mind

(d) Palsy

The Causes are Remote & exciting both sub are divided into general & partial. — First such as are General, viz. heat, cold, vicissitudes from heat to cold, & from cold to heat. Hence they are more frequent in Spring & Fall. Changes in the weight of the air, as climbing a Mountain &c any thing increasing the action of the bloodvessels, as exercise, clothing, falls, contusions, &c the Venereal appetite &c generally produce Hemorrhages from the nose, Uterus,

Secondly — Partial, as coughing hallowing hanging down the head, intense study, cold feet &c. — Hemorrhages have been said to be Epidemic. In 1794 they arose from the same cause & produced the Epidemic Apoplexies — in some cases this Epidemic relieved itself by spontaneous discharges of blood. Here nature resembled a sign post, which directs to a place, but does not move one step to accompany us. Are there any Hemorrhages which it would be improper to cure? Yes when there is a disposition to Apoplexy (d) Mania, Piles



a These act by their astringent property

(c) Cordial diet and gentle exercise

Leprosy & Itch, it w<sup>d</sup> be improper to stop them.  
Hemorrhoidal Hemorrhage sometimes prevent  
Leprosy & Itch. —

The General Remedies in great morbid  
action are 1<sup>st</sup> V. Cold air, immersing the body in  
cold water, this acts by abstracting morbid ex-  
citem<sup>t</sup> - Also ice may be used - 3<sup>rd</sup> Rest - 4<sup>th</sup>  
Lenient purges - 5<sup>th</sup> Nitre Nitric acid is better  
than Elixir Nitriol - Common salt when you  
the lungs - 6<sup>th</sup> Sacch. Saturn. Alum, Sugar of  
Lead, Galls, & 7 Ligatures - 8<sup>th</sup> Plasters to the  
lower extremities & abdomen. When there is  
weak morbid excitem<sup>t</sup> - the Remedies are Opi-  
um, Bark, Steel, &c. - When you obstruction of  
the Spleen Mercury, & Caustics applied to the  
region of that viscus. —

Epistaxis or a Hemor-  
rhage from the nose. This is sometimes a symptom  
of fever, & when it occurs in the beginning of fever  
it is favorable & not always to be checked. I have  
known 2 cases of it prove fatal when V. was used



& violent exercise, stooping &c

† A weak solution of Saccharum  
Saturni snuffed up the nostrils.

(f) Anger, Singing, anxiety

to the very last & it neither did good or reduced the pulse. A sense of fulness is felt in the nose commonly. Anger, picking the nose, falls, contusions, bandages around the neck all sometimes produce it. By the determination of the blood to the head at the age of puberty. —

The Remedies are 1<sup>st</sup> If the pulse be tense, a recumbent posture, rest, cold applications to the neck & scrotum; as ice & a plug up the nose & blisters to the neck. If all these fail use astringents. When it is suppressed, lenient purges low diet & sh<sup>d</sup> be used to prevent its return. —

Hæmoptysis or Hemorrhage from the Lungs. This is known by a redness of the cheeks, small cough, with a discharge sometimes from the Trachea or Fauces, difficulty of breathing, oppression at the heart &c. By looking in the glass the patient can sometimes discover its source. — Its Causes are external violence, heat, cold, laughing, lifting great weights &c.



The first of these is the fact that the  
 number of people who are employed in  
 the service of the government is  
 increasing rapidly. This is due to the  
 fact that the government is becoming  
 more and more involved in the  
 affairs of the people. The number of  
 people who are employed in the  
 service of the government is now  
 more than double what it was  
 only a few years ago. This is a  
 very significant fact, and it shows  
 that the government is becoming  
 more and more important in the  
 lives of the people.

I will here deliver a few remarks. 1<sup>st</sup> Three fourths of all proper hemorrhages occur in the night - 2<sup>d</sup> Long & continued speaking, if equal never produces hemoptysis, as in City watchmen, & those used to exercise the Lungs much, as Lawyers singers, public criers & Shoemakers & Taylors are subject to it - 3<sup>d</sup> It seldom follows the cause immediately exciting it - there is an interval of from 1 to 30 days. 4<sup>th</sup> In all habits disposed to Consumption the Hemoptysis prevents the disease, the more copious the hemorrhage the more certainly will it prevent it. 5<sup>th</sup> The discharge is sometimes so copious as to cause an Apoplexy of the lungs & so suddenly as to suffocate - 6<sup>th</sup> Hemoptysis is a local disease, that is, when it is unattended with general debility - seldom fatal - 7<sup>th</sup> Less dangerous in old declining people than in young - 8<sup>th</sup> Alarming & dangerous as the disease is, those subject to it, sometimes live to an advanced age. Sir Harris Hoare lived to the age of 96 & Frederic the 3<sup>d</sup> to 75 - 9<sup>th</sup> When it occurs in Gout it is







seldom dangerous. 10<sup>th</sup> In Chronic Hemoptysis the lumps have polypi. 11<sup>th</sup> According to Cullen, vicarious hemoptysis is seldom fatal as in the piles &c. & seldom terminates in Consumption.

12<sup>th</sup> Lastly, while that preceding consumption is always favourable & frequently cures, on the contrary that succeeding is always fatal. It is sometimes a local disease, & as innocuous as a bleeding from the nose, in this case the hemorrhage is confined to the Pulmonary division of the Arterial system. —

The Remedies are 1<sup>st</sup> V. accommodated to the state of the system. The lumps are sometimes engorged & then require more bleeding than at any other time tho' the pulse be natural. Dr Smith lost 200 oz of blood from his Lungs in 2 days before the hemorrhage could be stopped. After V. 2<sup>d</sup> Common salt - this in many cases may be used after or before V. & in Spoonfuls. It acts by stimulating the Trachea & occasioning the vessels of the Lungs to react. - 3<sup>d</sup> Cold water in the Th.



+ Petroleum Warbaccense

much, or thrown on the body. I once stopped a profuse Hemoptysis in myself by drinking a glass of very cold water cold applied to the Scro- tum - 4 Vegetable acids - 5 Alum - 6 Opium - 7 Sugar of Lead. & Blisters, first to the wrists, then to the neck & breast - Gentle purges, to obviate irritation for the bowels.

In Hemoptysis of weak morbid action the remedies are Salt, Flembane, British oil for 6 to 10 drops - this has proved successful when all other remedies failed. Oil of amber for 10 to 12 drops Opium in large quantities. Cordial drinks & diet - Emetics are of great service - too much cannot be said of Blisters applied to the wrists - also a Salivation. The action of the Mercury on the mouth & throat suspend all morbid action in the Lungs. What w<sup>d</sup> be the effect of exciting inflammation on the skin by Apt<sup>e</sup> of Turpentine &c. -

To prevent a return of it, gentle exercise & avoiding all exciting causes, going to an uniform climate, Cordial diet & drinks sh<sup>d</sup> also be used.



+ It has a great resemblance to Coffee grounds

these last have cured in 2 instances within my knowledge - also occasional V. s. is excellent - It is indicated by a full pulse & a sense of fulness in the breast, or heart if<sup>r</sup> were the indications pointing to V. s. in Dr Bond, who bled himself every 2, 3, 4, 5 or 6 weeks & lived temperately. When the pulse is Symp<sup>t</sup>hus, bark is an excellent remedy - this sh<sup>d</sup> only be used when every symptom of Hemoptysis is absent - it was taken by Haas, Moore for the last 1, 5 years of his life - he died at 96 in the full enjoyment of all his faculties. It sh<sup>d</sup> not be taken when there is a sense of tension about the breast - Dr Drayton mentions the case of a woman in the Infirmary of Edinburgh who was cured of a Hemoptysis by an attack of fever - this acted by equalizing Excitem<sup>t</sup>.

Hematemesis - or a Hemorrhage from the Stomach. - This is known by an oppression & sickness at the Stomach. The Blood discharged is generally black, & sometimes from the Liver & Spleen. Sometimes a membrane is dis-





charged like that in Group. Sometimes a hectic  
Fever follows it, when this occurs it is generally  
fatal. If red blood be discharged it is dangerous, es-  
pecially from the intestines, but if black left so. Some-  
times the discharge is from the Anus.

The Remote & exciting causes are 1<sup>st</sup> Obstructions  
of the Liver & Spleen - 2<sup>d</sup> Hard drinking - 3<sup>d</sup> Acids  
taken into the Stomach - 4<sup>th</sup> Hard substances taken  
into the Stomach - 5 Cold substances applied to the  
Stomach, as ice creams - 6 The violent operation of  
an Emetic - 7 Obstructions of the Menstrues & Sup-  
pression of the Piles - 8 Concussion - or distention

Sometimes the Hemorrhage is so great as to for-  
bid V.f. at other times it is necessary, as in sup-  
pressed menses, when there is too much action.

The Stomach is so irritable as often to reject me-  
dicines of all kinds, this is not always the case. I  
have stopt it by giving a tablespoonful of salt,  
rose leaf tea, Vinegar. Laud: with a little water, in  
the Stomach or Anus. Cold water by Glyster or  
mouth. Alum, Sacchar: Saturni &c. If the Alum



(g) Astringent vegetables, both by the mouth and anus

do no good, stop giving it immediately.

It returns tho<sup>t</sup> be prevented by rest, abstinence & strictly search into the state of the Liver & if obstructions be there remove them. — A counter-action tho<sup>t</sup> be excited by a Clister to the external region of the Stomach. This Disease is often fatal

Melena or a discharge of Blood from the Liver. — I have seldom cured this, & never in drunkards, who die very subject to it. It generally succeeds obstructions.

Remedies. Cold water & Astringent Medicines

### Hemorrhage from the Intestines.

This occurs in Dysentery —

The Remedies are V. if the pulse be tense & an injection of Laud. & cold water in the Rectum (g)

Hemorrhage from the Kidneys & Bladder. These may arise from Calculi. Hard riding, & Cantharides &c. It is a Symptom of Malignant fever. Remedies — V. of common salt, Clysters of Laud. & keeping the patient recumbent. Cold applications to the back rest abstinence





Hæmorrhage from the Hemorrhoidal Vessels. — When profuse the Remedies are Laud: by Clyster, Cold water, Sugar of Lead, Alum & Galls applied to the Anus — Glysters & a diet of fowering few Foods — A recumbent posture & temperate diet. It is seldom fatal, or rarely terminates instantly in death. —

Hæmorrhage from the Uterus.

This occurs after the cessation of the Menstr, & after delivery — after intemperate Venery &c. — Often excited by Stoves

The Remedies are B. f. accommodated to the State of the System, rest, Cold applications to the Regio pubis, flour applied in large quantities to the same part — This I learnt by accident, & by it once saved the life of a woman — Liquid Laud: in large doses — Blisters to the Thighs are of singular efficacy — Sacch: Sat: in large quantities — & a Laxation. There is danger in using Sacch: Sat: but not so much however as is generally attributed to it. — Its recurrence is prevented 1<sup>st</sup> By B. f. occasionally if it occurs in pregnancy



A solution of Sulphuric Zinc.

(b) It has been produced from great agony  
of mind

2<sup>d</sup> By eating small quantities of vegetable food, using salt meat exclusively - 3<sup>d</sup> Avoid climbing up stairs &c - It is seldom fatal. The bark is a good prophylactic, when it arises in the form of Lochia, a child applied to the breast - or cupping will do good - they act by causing a revulsive action. When the Pulse is languid, Bark, Steel &c

Hemorrhage from Wounds. These are removed by contracting the bloodvessels, by means of a Tourniquet - Cold wine & water - 2<sup>d</sup> Astringents as Alcohol &c - Sponge ball, bole Armoniac & flour - 3<sup>d</sup> Such as destroy the vessels. Horn or Eschar - or Lunar Caustic, Nitric acid &c. If all these fail the needle sh<sup>d</sup> be resorted to. -

Hemorrhage from the skin occurs in Malignant fevers, Blisters &c

The Remedies are Internal Tonics - & Astringents externally -

Hemorrhage from the Nipples yield to gentle & external Astringents. -

Of -



(i) And Autumnal diseases

(j) Diseases which affect the Liver are

- 1<sup>st</sup> Acute and chronic inflammation
- 2<sup>d</sup> A preternatural secretion and excretion of bile
- 3<sup>d</sup> A preternatural secretion and excretion of a milky fluid which I suppose to be chyle.
- 4<sup>th</sup> A preternatural secretion & excretion of water
- 5<sup>th</sup> A preternatural secretion and excretion of air.
- 6<sup>th</sup> A preternatural secretion & excretion of a black matter said to be blood which is nothing more than the black vomit.

+ The causes are primary and secondary  
 1. Contusions and fire &c. 2<sup>d</sup> Numerous

Of those Misplaced states of Fever in which  
 for the remote cause or for predisposing debility,  
 morbid action is thrown chiefly for the  
 bloodvessels into the other parts of the body, &  
 is either general or Local - These are the  
Gastric & Enteric states of Fever which have  
 no place in our syllabus - They are frequently pro-  
 duced by poisons, & acid substances swallowed -  
 Remedies the same as for poisons (L) which see -

## Hepatic state of Fever

The Liver is the great privy of the body in which  
 all the filthy matters of the body are thrown. Its  
diseases are Hepatitis, Hepaticula, or Acute &  
Chronic Hepatitis - Diabetes & Lientery. Its  
disorders are Hepatalgia or a suspension of  
 excretions, Jaundice, Schirrus, Scrophula,  
Gall Stones & Worms. - Of first of

### Hepatitis +

That this as well as those above are concerned  
 treated & suffocated bilious fever - Imper -



In the United States the precursory symptoms  
are pain in the side flatulency indigestion  
constipation & a torpid & feeble Generation Organ, &c.

& Suppressed perspiration

1<sup>st</sup> From their occurring during the bilious fever - 2<sup>nd</sup> From their occurring in places subject to bilious fever - 3<sup>rd</sup> From their attacking robust more than weak habits, & men more than women - 4<sup>th</sup> Its never affecting under puberty - 5<sup>th</sup> From being excited by heat cold & intemperance. 6<sup>th</sup> From its affecting new comers in the W<sup>est</sup> Indies & old inhabitants in a chronic form, & with suppuration similar to the Y. Fever. - In common with Y. Fever it affects dumb animals, & sometimes even continues in a chronic form, and further it is excited by the same means as Y. Fever. It assumes its acute & chronic form alternately. - Strangers usually have it in the acute form.

The premonitory symptoms are depressed or preternatural Spirits. <sup>in the West Indies</sup> The Symptoms when the disease is formed are, an increased appetite, soreness of the Stomach & vomiting - the Stomach is always affected. I have known it to come on with Colic & Diarrhoea, a pain in the right or left shoulder. The Pain is in the right Hypochondriac.





region, but sometimes in the left. & there only in women. 1<sup>st</sup> Pain is increased by pressure on the ribs - 2<sup>d</sup> Increased by a full inspiration - 3<sup>d</sup> the Cough is dry weak & hollow. These are the three symptoms w<sup>ch</sup> distinguish this fr<sup>m</sup> other Coughs. An Acute Headache - a constant secretion or hawking - hiccough, numbness in one leg or arm - Costiveness, more oppression than pain - Pulse Sympnocha, Sympnocha fortis, Sympnochula & sometimes Natural, more active on the affected side, a difficulty of lying on the left side - Yellow urine when its coming on - green or bloody stools - most so when the pain is on the convex part of the liver - An inability to sneeze sometimes comes on without pain, sometimes there is an absence of pain & fever. These symptoms differ as the disease is acute or Chronic, or according to the seat - Sometimes the Chronic changes into the acute & vice versa. This disease sometimes comes on without any of the above symptoms nor is its existence known till after death.



415 Diabetes Aquosus Intestinalis

Preternatural secretion and excretion of water which I call Diabetes Aquosus Intestinalis in this large quantities of water are discharged from the stomach - the Remedies are liq. laudanum. Bark, iron, and tonics of all kinds.

Preternatural secretion and excretion of air Hunter mentions it. Sydenham describes a dry cholera in which torrents of air were discharged upwards and downwards. Remedies - If the pulse be tense afterwards cordials liquid. laud. and tonics. May not the tympanitis or air dropsy be a secretion from the liver.

Preternatural secretion and excretion of a black matter which is the black vomit it is discharged occasionally upwards but commonly downwards - it is a fatal symptom in the yellow fever. It occurs always in drunkards I know one exception to this. Rem. Op &c -



The Remedies are 1<sup>st</sup> Copious V<sup>e</sup> in its acute form - & frequent V<sup>e</sup> in its Chronic State. This is more necessary, because, as no disease runs more rapidly to a crisis, so none requires the aid of medicines more & sooner. I bled Miss Peters of this City 38 times in 4 months in this disease & with success - the frequency of V<sup>e</sup> did not prevent suppuration but lessened it - 2<sup>d</sup> Mercury in such doses as to salivate - this sh<sup>d</sup> be done soon in order to prevent a suppuration, & if it cannot be excited, it is to be feared that a suppuration is going on, for it appears that the suppuratory action & salivation cannot progress in the same journey. The Mercury seldom salivates when a soreness is produced on the lips & in the mouth. This I find to be the case in other diseases. Mercury was supposed formerly to act as a specific, but it is now found to act by exciting action in a less vital part. Salivation is seldom necessary where V<sup>e</sup> has been sufficiently used.

3<sup>d</sup> Purges these are indicated by nature. Clap.



(C) and the stomach

ters are necessary, to supply the place of obstructed bile. — 4<sup>th</sup> Blisters applied early & frequently, particularly to the region of the liver when the disease is Chronic — 5<sup>th</sup> Opium in cases of great pain, squills & Mercury. 6<sup>th</sup> Issues & Caustics applied to the side of the Liver are of the greatest advantage. The Liver rarely mortifies but frequently suppurates & the matter is discharged either 1<sup>st</sup> Externally — 2<sup>d</sup> Internally into the Duodenum 3<sup>d</sup> Into the cavity of the abdomen 4<sup>th</sup> Into the Thorax, or into the substance of the Lungs, by penetrating the Diaphragm. 5<sup>th</sup> Into the Pericardium — 6<sup>th</sup> Into the Stomach — 7<sup>th</sup> into the Colon 8<sup>th</sup> Into the Kidneys. — The matter discharged is bile mucous, pus, with blood, & a mixture at times apparently heterogeneous. — It is fatal when discharged into the abdomen, Thorax, Pericardium (6) The happiest discharge is thro' the Biliary ducts. Dr Burns informed me that he has drawn the matter off from the Abdomen, after it had been discharged there by tapping — he





operated twice & the case terminated favourably.

When into the Lungs, I knew it several times to relieve itself by expectoration. This was the case with Dr Redman. But when it rushes suddenly into the Lungs, it generally suffocates. —

When the Matter points outwards, suppuration sh<sup>d</sup> be encouraged, & an opening made with a lanceet as soon as possible w<sup>h</sup> I have done twice with success — because if it opens itself externally, death is always universally the consequence. Dr Clark says the Abscess never opens externally in India. — When suppuration takes place, try to make it discharge thro' the duodenum, for this purpose an Emetic is best. A case of a Lady who had Chills, a Hectic pulse & a cessation of pain — her Husband tho't it was no more than an Intermittent — her belly was swelled very much, a Dyspepsia came on, & I expected to see her expire — however after returning home I sent an Emetic by a pupil, & desired him to wait the result — It puked & dis =



Black urine hiccups unfavorable bleeding from  
the nose dyspepsia variable.

(R) The causes are the same which produce the  
acute and chronic inflammation of the liver  
but they act with less force on it.



charged great quantities of Pus - we supported her  
by Cordials, & she at length recovers, & has since  
borne 2 children. An abscess does not always  
terminate soon after it is formed. This disease  
leaves a weakness of the liver, w<sup>h</sup> predisposes to  
a second attack - It often leaves a chronic pain  
in the side w<sup>h</sup> is affected by changes of the weather.

Hepaticula or Chronic He-  
patitis. - This when moderate is apt to termi-  
nate in obstructions w<sup>h</sup> sh<sup>d</sup> be cured by the same  
medicines as for other causes. -

## (A) Diabetes of the Liver.

This is a preternatural secretion & excretion of bile.  
Its causes are 1<sup>st</sup> Intemperance in the use of Ard<sup>t</sup>  
Spir<sup>t</sup> hence Drunkards are so subject to diseases of the  
Liver, & hence also the Story of Prometheus. 2<sup>d</sup> In-  
temperance in eating, especially high seasoned food  
3<sup>d</sup> Violent exercise - 4<sup>th</sup> Violent passions of the mind  
5<sup>th</sup> Sea sickness - 6<sup>th</sup> Heat - hence in warm seasons  
& hot climates so many diseases of the Liver



+ Magnesia and Calomel

(c) This acts by obtaining the acrimony of the bile.

7<sup>th</sup> Madness - 8<sup>th</sup> Goats often produces it - 9<sup>th</sup> Poison  
 of a Rattle Snake, & even a diseased uterus - 10<sup>th</sup>  
 Contusions on the Head, but the most frequent cause  
 is 11<sup>th</sup> Miasmata assisted by heat or Cold - 12<sup>th</sup>  
 These stimuli produce sickness at the Stomach, now  
 & then a puking of Bile, Diarrhoea, Cholera Mor-  
 bus in consequence of exciting a preternatural ac-  
 tion in the Liver w<sup>h</sup> according to its degree produ-  
 ces Yellow, Grey, Dark - Limpid, red Viscid bile  
 or matter w<sup>h</sup> concretes into Gall Stones. Imper-  
 fect Chyle is also discharged. This diabetes of the  
 Liver is often confined to the duration of the causes  
 w<sup>h</sup> excited it, but is sometimes chronic, contin-  
 uing several years perhaps by habit

The Palliative Remedies are V. of gentle Eme-  
 tics & Purges, Cream Tart. Jalap & w<sup>h</sup> M<sup>o</sup> be used  
 cautiously - A small tea cup full of water taken in  
 the morning, <sup>(c)</sup> fasting - this sh<sup>d</sup> be done at least  
 one day in the week - Blisters I have used  
 with advantage. -

The Radical Remedies avoiding all the cau.



## (m) Diabetes Chylosus Intestinalis

When it affects the kidneys it is called Diabetes Chylosus Renalis the symptoms are a frequent full and tense pulse, great thirst, burning in the hands and soles of the feet, pain in the head and heart palpitation of the heart yellowness of the eyes and skin dullness of the senses, sore gums absence of venereal desire urine too large or small in quantity and white the Remedies are  $\frac{1}{2}$  gentle purges, vomits, low or reduced diet, sedation, when the system is reduced oil of amber tar gaffic, nitric acid exercise cold bath & traveling.

(n) The causes are Transient and chronic the first are Spasm, fear, anger grief —



set of the disease particularly And<sup>d</sup> M<sup>d</sup> - fat  
 food & living on rice, potatoes, & small quan-  
 tities of lean meat or Fish - & Chalybeate wa-  
 ters have often made cures, Frictions, Calomel to  
 affect the mouth, & change of climate - If the  
 Stomach be affected with Dyspepsia, w<sup>h</sup> is often  
 the case - all the Remedies for that disease are to be  
 used. -

Sientery (or) Diarrhea of the Liver  
 or what has been called the Hepatic Flux. -  
 Here the Appetite & digestion are unimpaired, the  
 Liver throws out its Contents in a Crude state -

The Remedies are depletion & a spare Vegetable  
 diet Emetics, salivation, when the puls is reduced Torics, -  
 We next come to the disorders of the Liver

### Jaundice (s)

This is caused 1<sup>st</sup> by inspissated bile 2<sup>o</sup> Cal-  
 culi in the ductus communis Coledochos - 3<sup>o</sup>  
 Stricture in the duct. 4<sup>th</sup> Pressure from tu-  
 mors in adjacent parts - of which are Colic -  
 5<sup>th</sup> Inflammation of the Sinuses of the Liver. 6<sup>th</sup>  
 Intermitent & Remittent Fevers Gall stones of



+ Dr Roebuck an ingenious graduate in this university  
has proven this by a number of satisfactory  
experiments.

Bile are found from the size of a Pea to that of a  
 Walnut & of a yellow Colour like that of Bile.  
 They press the duodenum, & are the cause of great  
 pain, w<sup>ch</sup> pain is not constant but goes off & re-  
 turns alternately, & is increased by a full meal.  
 This pain does not arise from the sensibility of the  
 Liver w<sup>ch</sup> is not very sensible. The Gall stones may  
 often remain years without pain. The jaundice is  
 known by a yellow, & dark, or pale Colour of the  
 whole body particularly the whites of the eyes. In  
 the dark colour of the body w<sup>ch</sup> constitutes the  
 black jaundice the bile is absorbed. It is known  
 by a severe pain in the Region of the Stomach,  
 when it begins sometimes chills attend. The other  
 Symptoms are debility, Depression of Spirits, slow  
 fever, but more frequently a Natural pulse, & heat  
 of the body. Diarrhoea, Costiveness, languor, indis-  
 position to motion. It sometimes attends the in-  
 termittents of Fevers. — It has been made a ques-  
 tion whether the bile ever exists in the Blood. This  
 can no longer be doubted. It gets into the Blood  
 by absorption & regurgitation. This disease at-



Persons of all ages are subject to this disease objects  
are not coloured to the eye owing to the tunica  
conjunctiva being alone tinged.

Handelion



to the old, the young, the male & the female, objects seldom appear coloured. To persons affected by it Milk & Oysters, authors assert always retain their natural taste.

The Remedies are to be accommodated to the Cause & Symptoms. If there be a fever & tense pulse, Op. sh<sup>d</sup> be used. If it arises from spasm of the Biliary ducts, Opium the warm bath &c. If from pressure, the removal of it - If from an obstruction or viscosity of Bile, Emetics, Purgers, Mercury Rubia Tinctum &c. - If from Gall stones, alkalies & soap lime juice &c. have been recommended & used. The Paroxysm is relieved by Op. & opium, & living on vegetables is said to cure the disease. (If from a Torpor of the Biliary ducts - Shocks of Electricity). - One have gall stones frequently in the winter w<sup>h</sup> are seldom to be seen in the Spring. I expect this to be owing to the Return of Spring affording medicines for its cure. Summer fruits are proper in all diseases of the Liver. Raw eggs have been used.



Proflua of the Livers this should be treated exactly as we treat this disorder in any other part of the body.

Dandelion - this I have done much good with.

A Gent. of this City recommends a preparation as follows. —

R Potash & Gum Arab. a. a. ʒss Castile  
Soap ʒj Brandy ℥j — a wine glass full to be  
taken 3 times a day. A discharge from the Hemor-  
rhoidal Vessels is a favourable Symptom in the  
beginning of this disease, but not so in the last  
stage. Abscesses often exist a long time in the Liver  
without detection — It appears most frequently in  
most warm climates & is induced by most of  
the causes of Diabetes. —

The Liver is sometimes paralyzed & from a de-  
fect of secretion produces Costiveness, but it may  
throw its bile into the Duodenum in such large  
quantities as to produce Colic — This is most fre-  
quently the case in Maniacs & gouty people &  
hard drinkers, & is sometimes produced by the  
passions & by Measles. I have called this a sa-  
livation of the liver, because it is a secretion  
in this Viscus, & similar to that in the Salivary  
glands in time of Salivation. Vomits sh<sup>d</sup> be used



(4) Here there is a total obstructions of secretion  
and excretion

+ long journeys changes of climate

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cautiously, purges are more proper - Blisters are excellent in all diseases of the Stomach & Bowels - Nitric acid has been recommended, also a salivation. Sometimes from an irritation of the Liver, there is a discharge of water for many years, & by Gallons. In this case I have known the Stomach sound on dissection, the gall bladder full of this liquid & in one case I found 4 gall stones - 2 of w<sup>ch</sup> were polished in a most beautiful manner, & are now in the possession of Dr. Physick. In this case death was brought on by fever & the fever by a fall

Hepatalgia - Symptoms are pain, costiveness &c. Often terminates in Dropsy - Remedies - Caustic to the Region of the Liver. Frictions & Stimulating applications Cold bath - Calomel in small doses - Chalybeates, & Stimulating & Tonic Remedies of every kind - Appearances on Dissection - after diseases & disorders of the Liver. - Abscess, sometimes communicating with another in the Spleen



+ Dr Boerhaave used to say that the liver was out of order in 99 cases of 100 in all chronic diseases.

The first symptoms we have of disorder in the spleen is a weight in the left side soon after followed by pain and distension.

Next then Great enlargement  
 2 Permeation  
 3 Rupture



great enlargement & Congestion of Blood, diminished size, partial or general Scurvy or Scrophula, great dilatation of the Biliary ducts, worms in the substance of the Liver - Gall stones - These often exist of a very large size without any inconvenience to the patient. There is only one case of Mortification of the Liver on Record.

All the Diseases & Disorders of the Liver blend their Symptoms, Anastomose, alternate with, succeed, & are mutually produced by each other - Gall stones produce inflammation & inflammation Gall stones - Hepatitis Hepatalgia, & Hepatalgia Hepatitis & -

### Diseases & Disorders of the Spleen.

In Hemorrhagy suspect the Spleen - The Spleen being found engorged with blood after death, shews that V<sup>e</sup> was not carried to sufficient length. The Spleen seldom inflames or suppurates, & never mortifies. It is sometimes ruptured & enlarged - Remedies, V<sup>e</sup> Merc<sup>2</sup> Frictions, Caustics to the region of the Spleen, - V<sup>e</sup> when carried to sufficient extent prevents the diseases & disorders of the Spleen.



when it occurs without external swelling  
it is called by blind piles

+ by the greek the tumors have been  
considered the extremities of the veins but  
they consist of the membranes

+ they should never exceed 3 or 4 lines

# Hemorrhoidal state of Fever

or Piles. —

This is discovered by a Quick pulse, pain in the Head, back, Throat, giddiness, pain in the Rectum with effusions of serum & blood. It affects adults more than children, & women more than men. It is produced by Costiveness, acrid purges as Aloes, a continued use of bitters, hard riding, long walking, sedentary life exercise &c. I have seen it induce a Gonorrhoea benigna & Dysuria. It is sometimes a symptom of Gout. —

The Remedies are 1<sup>st</sup> V. general or local the last by leeches or a puncture by a lancet. I have seen 6 drops of blood taken from the part, give immediate relief. As the part affected is so far from the general Circulation — The general V. on that acct must be carried to a greater extent. I once took 100 oz of blood at 12 bleedings in this disease — 2<sup>o</sup> Lenient purges especially Sulphur, also the butternut pill & Clysters — 3<sup>o</sup> A Horizontal posture of the body 4<sup>o</sup> Ali-



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+ Taper or peepin the pells between the  
fingers.

ments affording little focus - 5<sup>th</sup> The application of bread & milk poultices, or the Bread & milk poultice 3ij - pulp of Apples 3ij mixed together with a little lead water 6<sup>th</sup> Cold applied to the part -

When the disease is subdued, the follow<sup>g</sup> medicines sh<sup>d</sup> be used - 1<sup>st</sup> Warm water locally 2<sup>d</sup> Molasses - 3<sup>d</sup> Smoke of leather 4<sup>th</sup> Ointment of Tar & lard - 5<sup>th</sup> Stramonium Ointment as sh<sup>d</sup> be prepared as follows -

R<sup>x</sup> of the leaves in August - Hog's Lard, & a little bees wax Boil 24 hours & strain - This ointment every practitioner sh<sup>d</sup> have - 6<sup>th</sup> The Stramonium Ointment with Sacch. Sat. Opium, Galls powdered & sweet oil sufficient to liquidate it - 7<sup>th</sup> Tobacco leaf - When the tumour is very large extirpate it by ligatures -

This disease ends in 1<sup>st</sup> What is called Bleeding piles - 2<sup>d</sup> In Suppuration - 3<sup>d</sup> In inflammation & ulceration of the Rectum constituting the disease called Fistula in Ano. 4<sup>th</sup> In indurated tumours w<sup>h</sup> are either external or internal, &



+ when internal they are only to be removed by legations

+ I cannot say whether the Mahometans are much subject to this disease. however there is a machine which would tend to prevent it

We can cause insects to be small insects. Dr. Coughen says he has seen it in Minorca even of such small kind as in the open air. ~~There is much~~ of our valuable matter

produce difficult Stools & sometimes Courmption. 5<sup>th</sup> In prolapsus Ani. 6<sup>th</sup> In Mortification. These are all cured by Rf w<sup>h</sup> ought to be very copious. +

The Trophylactics are lenient purges, frequent ablutions of the Anus with Cold water avoiding all exciting Causes & ~~Vegetable~~ liquid food.

### Ophthalmic State of Fever

This is a disease of the whole System, the worst kind is that unaccompanied with inflammation. Its remote & exciting causes, are all those producing Fever, as miasmata & hence their greater prevalence during the time of Bilious Epidemics - & it is said to follow the plague very frequently. Mr Volney tells us that blindness is very common for these causes in Grand Cairo - 2<sup>o</sup> A general determination of blood to the head in fevers of any kind - 3<sup>o</sup> It is produced by acrid matters translated to the eyes for any disease as measles & pox & 4<sup>o</sup> From disease in other parts of the body affect-



It is evidence in Egypt more than in  
any other country is owing to Homo  
mammatic education.

Contagion is mentioned, as a cause by  
some authors. Dr. Mc Gregor opinion notwithstanding  
this is not the case.

To call from the temples the large papyrus  
and from the eyes themselves,

ting the eyes by association, as bile in the stomach & in this way the Venereal Virus acts on the eyes, unless when the matter is conveyed by the touch - as I believe it is generally in consequence of keeping filthy hands, after handling the penis, & then fingering the nose or eyes. 5<sup>th</sup> Certain effluvia acting chemically or mechanically - the first are smoke, fumes of Onions, Measura, fumes of privies &c. The second are pieces of hair, iron, sand, dust &c. 6<sup>th</sup> great light applied to the eyes, as reflection from snow &c. Reading too long by candle light, night air, excess of heat - hence cooks are affected with diseases of the eyes, drunkenness, excess of Venery, strokes on the eyes &c.

The Remedies are 1<sup>st</sup> Darknes, this will be necessary for a week, month & even longer, according to the force of the disease - 2<sup>d</sup> Of general & local. When it prevails in the time of an Epidemie, or shews itself to be a general affection general bloodletting will be proper. Y<sup>e</sup>ntirely



(c) to the neck temples and eyes taking  
 care that the flies do not get in eyes

(h) vinegar and water weak Spirit Turpentine  
 and water lead water ~~salt and water~~

each 31 water wine of each 4 g.

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local, blood drawn *from* about the eyes - If general *Obj* be relied on, it sh<sup>d</sup> be very copious on acct of the eyes being so far *from* the general Circulation - In prescribing *Obj* regard must be had to the Climate - 3<sup>d</sup> Gentle Purgs 4<sup>th</sup> Very low diet - 5<sup>th</sup> Blisters Behind the ears - 6<sup>th</sup> Cold water to the eyes when the Morb. excitement is in a good measure subdued 7<sup>th</sup> Removing all exciting causes. When Morb. excitement is gone, Stimulants are proper, beginning with the weaker ones, as wine & water, or weak wine, a solution of bark, salt & water. -

The follow<sup>g</sup> Recipe is a good one

*R* White Vitriol  $\mathfrak{z}$ i Sacch. Sat. Dry and water *Obj* or this Gum Opie  $\mathfrak{z}$ i Galls  $\mathfrak{z}$ ij & water  $\mathfrak{z}$ ij. Alum & water as external applications. The vapour of Turpentine has been found useful. Lapis Calaminaris with fresh butter. Dr L. recommends Blue Vitriol & Vol. Ammon. & Camph: a. a.  $\frac{1}{4}$  of an ounce of this mixture is to be put



+ mixed with water

into a pint of boiling water & - - - - -

Demulcents as quince seed, & the juice of Lappa-  
pas to wash off the acid matters or humours. When  
the sores arise from an inverted hair, extract it.  
When from Iron, use the Magnet. When from a sup-  
pressed Gonorrhoea, an irritation sh<sup>d</sup> be excited in  
the urethra. If all these fail, a salivation sh<sup>d</sup> be  
excited, more especially when it arises from the ve-  
neral virus. I have effected a cure by a salivation  
often. When it becomes periodical, bark will be  
proper. When from a translation of a disease endea-  
vour to bring the disease back & cure it. -

To prevent Relapses, avoid all exciting causes &c

## Odontalgic state of Fever

This is the pain of one or more of the teeth. It is  
sometimes the first symptom of Ty. Fever -  
It occurs from Scrophula, exposure of the nerves  
in the teeth to cold &c. The pain is dull, acute,  
or jumping. Sometimes so great as to produce  
slight madness. The teeth are affected with



— in a violent violence to the teeth

certain harsh and ungratified sound,

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violent inflammation. This I infer 1<sup>st</sup>  
From their being furnished with arteries for pain  
occurring in sound teeth, & one tooth beginning to  
decay in consequence of the acid & corroding & Co.  
roding matters destroying other teeth. 2<sup>d</sup> The tooth  
ache is more powerful in hot climates subject to  
inflammatory diseases. It is seldom in uniform  
climates. 3<sup>d</sup> It occurs generally in the inflam.  
matory periods of life. 4<sup>th</sup> In seasons producing in-  
flammatory fevers & in w<sup>h</sup> the weather changes  
from hot to cold. —

The Direct Causes are Change of hot and  
cold liquids taken into the mouth & all such  
substances as wound or corrode the teeth. Sugar,  
Salt, & Animal Food are said to produce it,  
but sugar does not affect sound teeth, altho' it  
may decayed ones when it touches the nerve. —

The Indirect causes are <sup>fever</sup> Dyspepsia, Rheuma-  
tism, Scrophula &c. This disease affects young  
people, & continues sometimes 2 or 3 days. Some-  
times the Gums, Tonsils, & Parotid glands are





affected. When the disease subsides in the Gums an abscess is often formed. The disease may affect the teeth in the Opposite jaw by sympathy. When it affects one ear, it causes it to decay. —

The Remedies are 1<sup>st</sup> Extraction, this is sometimes impracticable, then ~~Of~~ <sup>for</sup> the Gum sh<sup>d</sup> be used, or if it cause general inflammation general ~~Of~~ will be proper.

2<sup>d</sup> Purges. Vomits, Cordials, Blisters behind the ear, a roasted fig applied to the tooth, opium internally & externally. When the disease proceeds ~~for~~ Indigestion or weakness, a glass of brandy or wine, held in the Mouth, or a full meal will stop it. —

Applications of Poultices hot rags, Opium plaisters, tobacco leaf, mustard plaisters, Snuff of Tobacco, chewing pyrethrum, erubines, Calomel & loaf sugar equal parts, garlic to the feet, Laud in large doses, mustard behind the ear, Tinct: Canthar: will destroy the Nerve





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When the pain ceases, a Gum Boil often takes place, in this case the tooth sh<sup>d</sup> be extracted, for it will corrode the flesh by its matter. Sometimes in ends in scrophulous swellings, extraction is then the only remedy.

Other remedies for stopping the tooth ache are filling the hollow with lead, gold leaf &c, destroying the nerve by caustics, but extraction sh<sup>d</sup> be performed if possible, or if the tooth has ached once or twice. Dr Thomas of Carolina had 8 or 9 teeth drawn for a collection of matter in the Anterior Hyumocranium with success. Sometimes abscesses are formed in the upper & lower jaw then the teeth sh<sup>d</sup> be extracted - 1<sup>st</sup> Because the matter collected around the teeth is of a septic nature 2<sup>d</sup> Because Mastication is impaired by it & consequently digestion - 3<sup>d</sup> Because this matter transmits morb. excitement to every part of the body. The tooth ache is often





the precursor of the Ty. Fever & is an inlet to  
 other diseases. 4<sup>th</sup> The Tooth ache produces Rheu-  
 matism, Pulm. Consumption - Epilepsy. Dyspepsia  
 & obstruction of the menises all of w<sup>ch</sup> are cured by ex-  
 traction. I have known Dyspepsia cured 3 times by  
 extraction & likewise Epilepsy - I will now give  
 a few directions for preserving the teeth - 1<sup>st</sup> Extract  
 the milk teeth as soon as they are loose, that room  
 may be given for the growth of the rest - 2<sup>d</sup> Remove  
 the decayed teeth as soon as they become troublesome,  
 or as soon as they cannot be used, or as soon as they  
 become troublesome, for they tend to destroy the  
 other teeth, by not allow<sup>g</sup> them exercise, for the  
 teeth require exercise as well as the eyes. Even  
 those teeth above or below the place fr<sup>m</sup> w<sup>ch</sup> teeth  
 have been extracted decay sooner than others for  
 the want of exercise 3<sup>d</sup> Since acids corrode the  
 enamel they sh<sup>d</sup> be particularly avoided, & espe-  
 cially unripe fruit - 4<sup>th</sup> Let the head & jaw be  
 kept warm - 5<sup>th</sup> Wash the jaws with cold, &  
 the teeth with tepid water - 6<sup>th</sup> Wash the teeth  
 after every meal particularly after supper. -





7<sup>th</sup> Avoid the alternate use of hot & cold applications to the body of the teeth - 8<sup>th</sup> Never use them for preternatural uses, as cracking nuts Biting threads &c - 9<sup>th</sup> Carefully remove tartar from the teeth & all acrid tooth powders & too much friction. The fine powder of Charcoal is the best remedy for cleaning & preserving the teeth - Bark is an excellent powder - Vegetable alkali whiten without corroding the teeth &c - Patients bear extraction best when there is the least inflammation - & after a full meal. Several substitutes for the loss of beauty of teeth have been invented. The first is a tooth extracted from another person & placed in the jaw - this is a bad practice because the root of the tooth will decay, & give much pain, & at the same time give great pain will not fasten. A dry tooth is much better because it will not decay at the root & give so much pain, but will also be attended with the same inconvenience as the former, viz not uniting - this practice I cannot recommend - 2<sup>d</sup> Fastening



to save the burning of the throat

in pieces of gold or Silver This is called procting.  
 3<sup>d</sup> Tying in Artificial teeth made of Sea Cow teeth  
 with a piece of Thread, This is the best method—  
 two or three sets of them. Sh<sup>d</sup> be kept & changed ev-  
 ery 2 or 3 years 4 A complete set in the jaw.

### Otalgie state of Fever.

This is a misplaced state of Fever appearing by  
 pains in the ears, & is most common among chil-  
 dren—now & then it follows Influenza—

The Remedies are Nef Purges, Clisters Be-  
 hind the ears. Laud: & the vapour of Brown  
 sugar into the ear by means of a Funnel. If it  
 tends to suppuration, poultices of bread & milk,  
 boiled onions &c behind the ears sh<sup>d</sup> be used.  
 If the abscess break, detergent injections sh<sup>d</sup> be  
 used, Saff of Liccory &c &c generally prevents sup-  
 puration

### Cystic state of Fever.

This consists in great discharge or suppression of  
 urine with much pain & fever. The appetite is



+ I once saw a discharge of mucus from  
the bladder

(a) opium

generally unimpaired. The neck of the Bladder is the seat of the disease. It has been called Catarrh of the Bladder. Its remote causes are direct & indirect - Acid substances <sup>(or)</sup> swallowed as Cantharides, from Calculi suddenly descending, from Gout, the intemperate use of Venery & hard substances irritating the parts, irritating injections. I have known it cut on by injections of Sacch. Sat. in 2 cases -

The Remedies are 1<sup>st</sup> Copious of general & local - the last by leeches to the perineum. Of in its acute stage prevents all the chronic consequences, as Stricture or an enlargement of the neck of the Bladder - 2<sup>d</sup> Gentle laxatives - 3<sup>d</sup> Glysters. These act as emollients thro' the medium of the rectum. 4<sup>th</sup> Cold water or ice to the perineum when the Catheter failed - The Catheter sh<sup>d</sup> be used if possible - 5<sup>th</sup> Demulcent drinks. I have seen 2 cases from Gout by Of - After this remedy a suppression of urine takes place from debility, & here Tonics are proper. I have heard



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After these remedies there is frequently  
a subsiding of the convulsions and then  
Bark and Iron is given.

(c) In this state of fever there are small ulcers  
in the mouth

x a retention of Meconium &c

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of one case being cured by an attack of Fever—  
This shews us how necessary it is to excite the whole  
system Lard & Sweet oil to the Anus. —

## Apthous state of Fever. (c)

This is never a Primary state of fever it is an  
effort of nature to relieve herself by depletion.

It generally occurs in the first month of in-  
fancy, & is caused by acrid matters in the Bow-  
els, or the common atmosphere. It sometimes  
attends Epidemic Fevers. It may be prevented  
by purging gently with molasses, Magnesia, a  
little Rhubarb, or the like. It sometimes comes  
on in the close of Consumption, Diarrhoea, Dyspep-  
sia, or other diseases of the chronic form in which  
it is generally fatal. When it comes on in  
acute Pleurisy, it is generally favourable. I have  
seen it terminate in Cyanotic Tracheitis in  
a child. —

The Remedies must be regula-  
ted by the Pulse & state of the system, also the sea-  
son & reigning Epidemic. If the pulse be tense



+ It is generally attended with more  
or less fever

x Lung Axilla Rectum

Ref Purges & sh<sup>d</sup> be used. as Calomel, I have  
 seen one case I read of another in w<sup>h</sup> it pro-  
 ved salutary - then Blisters - astringent gar-  
 gles, as Alum & honey. Myrrh Sage tea and  
 Bark Marine acid has been recommended.

## Scrophulous state of Fever

This has long been supposed to be a specific  
 disease, confined wholly to the Lymphatic gl-  
 ands, but it is originally an Arterial disease  
 & thrown on the glands. It is a misplaced state  
 of fever, & sometimes Secondary, in this it re-  
 sembles the Jail & Ty Fever. It is an Ende-  
 mic of Barbadoes, & is called a glandular dis-  
 ease. It attacks different glands. Sometimes  
 the testes, the Mesenteric glands, liver, eyes, blad-  
 der, ovaria, intestines, sometimes the teeth, &  
 even bones when it is called Rickets. It is  
 produced mostly in marshy countries - it is com-  
 mon in England. That it is a misplaced state  
 of fever I infer 1<sup>st</sup> From the remote & exciting



(d) Inflammation

causes, w<sup>h</sup> are miasmata, Heat & Cold suc-  
ceeding each other &c. 2<sup>d</sup> From its symptoms  
as Cold & hot feet, furred. tongue, swelled &  
black gums, &c. suddenly inducing death  
sometimes - It is sometimes fatal, & the blood  
drawn is without size, in this case it trans-  
cends the size point - 3<sup>d</sup> It being originally  
a febrile disease - I infer it again fr<sup>m</sup> its af-  
fecting all ages, colours, sexes, habits &c. - It is  
more common to children than adults. 4<sup>th</sup>  
Like other diseases of hot climates it affects  
other animals besides man, particularly Hor-  
ses - Hillary says it is a recent disease at Bar-  
badoes - This must be owing to a change produ-  
ced in the Atmosphere by cutting down the  
trees &c. - 5<sup>th</sup> I infer it from its being produ-  
ced by unwholesome water. - It is a disease  
affecting 2 systems - the Arterial & Lympha-  
tic. - Resolution & Suppuration, & Gangrene  
are the three forms in w<sup>h</sup> it terminates. -  
The Premonitory Symptoms are a white



I have been thinking of you very much lately  
 and wondering how you are getting on.  
 I hope you are well and happy.  
 I have been very busy lately  
 but I have managed to find some time  
 to write you a few lines.  
 I have been thinking of you very much lately  
 and wondering how you are getting on.  
 I hope you are well and happy.  
 I have been very busy lately  
 but I have managed to find some time  
 to write you a few lines.  
 I have been thinking of you very much lately  
 and wondering how you are getting on.  
 I hope you are well and happy.  
 I have been very busy lately  
 but I have managed to find some time  
 to write you a few lines.

Smooth Swelled face, pains in the Bowes,  
unusual vivacity in Children. Tubercles  
are very different from Scrophula -

The Remedies must be accommodated to  
the state of the system, if the pulse be full or  
tense, &c. is proper, also purges, low diet &c  
especially if inflammatory symptoms occur,  
but when the system is reduced; or in other  
words, when it is not excited, Bark, Gal-  
lica, Sea water - Calomel with or without  
Opium, Cold bath, generous living, exercise,  
muiriate of lime, Bandages applied to the  
limbs - a change of Climate - Dr. Pottard  
says this cures even the Elephantiasis of  
Barbadoes. - Several Quack remedies have  
been highly recommended, Burnt sponge is  
one, it may be of some service; Burnt alum  
is another, & has been used. -

In no disease do Physicians differ more  
about the cure than in this. Some condemn  
Mercury & praise Bark - They are all right



Copy 175.

fall wrong, according as they suit the state of the system, or not. In no disease is a change of medicine so necessary as in this.

By changing my medicine with the change of the system I have cured this disease without ever failing once. It will be necessary to change half a dozen times on some occasions. The tumours sh<sup>d</sup> be left to open themselves, unless near a Bone or Bloodvessel. The ulcers sh<sup>d</sup> not be neglected, when they are inflamed a poultice sh<sup>d</sup> be applied - also bandages &c. They sh<sup>d</sup> be treated according to their various appearances. —

### Goitre. —

This is a swelling of the Thyroid Gland, & is said to be scrophula. It is misplaced in intermittents & remittents. This I infer from its arising from or accompanying sore eyes - 2<sup>d</sup> From its occurring among Horses, Dogs - & Pidgeons &c. 3<sup>d</sup> From its having increased by moisture & least felt in dry summers & dry





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winters - 4<sup>th</sup> It seldom attacks after the 25<sup>th</sup>  
year of life - 5<sup>th</sup> it attacks all persons of all  
countries - even Indians - 6<sup>th</sup> Men are less sub-  
ject to it than women the proportion is about  
1 to 3 - 7<sup>th</sup> It is worse in time of pregnancy -  
8<sup>th</sup> It is attended with pain & swelling - 9<sup>th</sup> It  
goes off of itself - 10<sup>th</sup> Children sometimes have  
it when they are born when the mother has  
no previous symptoms of it. -

No cure has been yet found for it. Bark  
Mercury, Salts & Depletion have not been suf-  
ficiently attended to in this disease. It has been  
said that a sea voyage or long journey has cu-  
red it. I formerly believed with D<sup>r</sup> Barton  
that it was a disguised form of Intermittent  
fever - But Baron Humboldt says it prevails  
in all situations soils & climates - This has ex-  
cited some doubt in my mind. -



+ An unusual quantity of fat aliment.

+ From the appearance of the blood  
drawn or discharged by accident  
in this disease - it is <sup>purid</sup> very loose and  
discolored

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## Scorbutic state of Fever

I consider this as a state of Fever - 1<sup>st</sup> From the remote, Predisposing & Exciting causes, w<sup>ch</sup> produce Fever - as Cold & moisture, Marsh miasmata - Hence it is common in Holland. from cold & moisture, Bad food, marsh miasmata & checked perspiration. It requires a cold below 66° to produce it. Fresh meat without bread & vegetables produces it - Salt meat also induces this disease, as also a diet of tea or chocolate alone. Depression of mind - Fresh meat will not produce it without the concurrence of depression of mind - Fomino Miasmatic exhalations produce it. - 2<sup>d</sup> From its Symptoms w<sup>ch</sup> are pains in the limbs, without a quick pulse, sometimes the pulse is full & tense, intermitting feeble - 3<sup>d</sup> From its being attended with death sometimes. 4<sup>th</sup> From its appearing usually in the seasons in w<sup>ch</sup> Autumnal Epidemics prevail. 5<sup>th</sup> In Camps, it appears before the Camp fever occurs. I believe that the fetid breath in this



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(h) Dissection shows adhesion of the lungs  
to the pleura p[re]ternatural size of  
the spleen and liver.

egg to be taken 2 or 3 times a day

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disease is owing to an abstraction of oxygen &c  
In short, Scurvy is an Epitome or tout ensemble  
of all fevers - Malignant, Gangrenous, Typhus, Pete-  
chial, Apoplectic &c all conspire to shew them-  
selves in this. — (b)

The Remedies are 1<sup>st</sup> Cf. Dr Donald Mon-  
roe cured an alarming case by the loss of 20 oz of  
blood. The blood drawn here, is florid, viscid & dif-  
fused as in other Fevers. It is owing to the different  
states of the disease that such different remedies  
prevail in curing it. The size of the Spleen af-  
ter death, hemorrhages, & the inefficiency of Bark  
all shew the necessity of the Caustic - 2<sup>d</sup> Fresh veg-  
etables & vegetable diet - 3<sup>d</sup> Nitric Zij dissolved in  
Oij of vinegar - Four raw potatoes a day with  
vinegar, cured the whole crew of a vessel - Only  
one man who refused to take this remedy died. -  
Patients are sometimes unwilling to eat any thing  
in this disease, but in this case they sh<sup>d</sup> be compel-  
led to eat. It has been cured by emotions of  
the mind. All these act by changing the nature  
of the fluids. When the system is reduced, Cor-



Hydrophobic state of fever. This is caused  
 on by agitation of mind in hearing of  
 another person having this disease. The  
 remedies are perches &c

\* Dr L<sup>d</sup> Hunter says it often follows the Ciliary  
 Diseases of Jamaica

dials & Bark are proper - From hemorrhage preventing in this disease, & the bark failing to cure it, has been recommended. —

The Prophylactics are 1<sup>st</sup> Acids, Sour Crost, lime juice &c. 2<sup>d</sup> Fermented liquors as Beer &c. + 3<sup>d</sup> Sugar tea & Coffee. Capt<sup>r</sup> forest says that meat salted & put away with bones in it is more apt to produce Scurvy than that having the bones taken out, as meat always begins to putrify near the bone. 4<sup>th</sup> Milk diet - Land air lessening the force of the sea air - 5<sup>th</sup> Cleanliness - 6<sup>th</sup> Avoid sleeping near the sides of a new built ship. Sleeping in a high situation as the second story of a house - 7<sup>th</sup> Flannel worn next the skin - 8<sup>th</sup> Cheerfulness, merriment.

### Convulsive state of Fever.

Fever from all its causes often produces Convulsions. Children are most subject to this state of Fever. Tetanus has been known to be a symptom of Malignant fever. It is an Epidemic in the upper part of this state. Tetanus accompanied every case\*. Convulsions are often excited by the



The first of these is the  
 fact that the number of  
 cases of the disease has  
 increased in the last  
 year. This is due to the  
 fact that the disease is  
 more common in the  
 winter months. The  
 second fact is that the  
 disease is more common  
 in the lower classes of  
 society. This is due to  
 the fact that the lower  
 classes are more exposed  
 to the disease. The  
 third fact is that the  
 disease is more common  
 in the crowded cities.  
 This is due to the fact  
 that the crowded cities  
 are more exposed to the  
 disease. The fourth fact  
 is that the disease is  
 more common in the  
 lower part of the body.  
 This is due to the fact  
 that the lower part of the  
 body is more exposed to  
 the disease. The fifth  
 fact is that the disease  
 is more common in the  
 lower part of the body.  
 This is due to the fact  
 that the lower part of the  
 body is more exposed to  
 the disease.

motions of the Patient in bed - by a slight touch,  
noise, & even speech sometimes. The Remedies are  
of & all those remedies suiting the disease or  
fever of w<sup>ch</sup> they are symptoms - Oil of Amber  
Asafoetida &c. Tetanus under this state of fever  
is sometimes general, at other times remitting &  
intermitting

Hypochondriacal & Hysterical  
States of Fever. Concerning these I have but  
little to say, I will observe that like other states  
of fever, they must be treated according to the  
state of the system. In the Hypochondriacal  
state of fever the brain is principally affected, and  
there is a deathphobia or continual fear of speedy  
death. In the Hysterical there is a disposition to  
shed tears, a cough & rising in the throat called  
Globus Hystericus, pale urine &c. The Reme-  
dies for these states of fever are such as suit the  
fever of which they are symptoms - If they  
occur during the prevalence of an Epidemic, di-





rect our remedies to the primary state of Fever chiefly. Case of a Lady who was bled 12 times during an Epidemic & thereby cured. If the patient is confined, the fever is the Original disease. In our prescriptions we sh<sup>d</sup> adhere strictly to those Medicines w<sup>h</sup> act specifically on the nervous system as Apsafotida &c — in general, Bark, Wine, Opium, Vol: Salts — Hope sh<sup>d</sup> by all means be excited in Deathphobia

### Cutaneous state of Fever. —

This is a Suffocation of fever on the skin — Hence there are no fixed tongues &c — This a Chronic Febris extraversa in opposition to Dr Sydenham's Febris introversa. Leprosy I believe to be originally a British disease totally absorbed by the skin. This a misplaced state of Fever, & arises from causes producing bilious Fever, & often under the same Circumstances. The prickly heat arises from the same causes — hence persons affected with it are said to be safe while the disease is out, but not so when it strikes in. —





That Leprosy is a misplaced state of fever I infer from its continuing while Malignant fever prevails. In France it prevailed as long as the Plague raged there. There were 100 Hospitals in that country at one time for Lepers. The reason why it has vanished is in consequence of Agriculture, Vegetable food, Cleanliness &c. I infer it also from the Morb. action or affection w<sup>h</sup> occurs when it retrocedes. A often produces sore throat before death. I knew a case in w<sup>h</sup> it terminated in Consumpt<sup>n</sup>. The patient previously lost his eyesight by a violent Ophthalmia. The Cutaneous state of Fever in Egypt is nothing more than a suffocation of the plague in the skin. It is distinguished from the Eruptive state of fever, by the parts being suffocated in the skin in the former. In this disease the Bloodvessels are not to be overlooked, they are constantly connected with the skin. Remedies - V<sup>s</sup>. Purges or Sweating medicines with a low or Full diet according to the state of the System. —



There appears to be similarity to  
each other.                      & Parry

Aphrodisiac & Epilepsy run into  
one another they frequently  
end in each another

are different grades of one disease.  
Aphrodisiac leads to a lower

## Chapter II.<sup>d</sup>

Of diseases as they appear in the blood-  
vessels & nervous system (in which are  
included the nerves, muscles, Brain & mind)  
& the Alimentary Canal, predominating  
more or less according to circumstances  
in each of them. —

Every part of the nervous system is subject to  
similar grades of Morb: excitent<sup>t</sup> as the Arterial —  
As Elevated excitent<sup>t</sup>, Debility, for action or  
abstraction, Depression, Oppression, Prostra-  
tion. Diseases of this system alone are not in-  
dicated by the pulse. The same remote causes  
w<sup>h</sup> induce fever produce disease here; except  
where fever w<sup>d</sup> be produced in the young & stout  
in the wealthy & enfeebled nervous diseases w<sup>d</sup>  
be produced. — These diseases generally bring the  
Arterial System into Sympathy

### Apoplexy. —

This is a suppression of all Voluntary Motion  
while the Heart, arteries, & Lungs continue their



- part to from Apo. Pal. Cunt the same disease  
 1 all the effect of the same cause  
 2 sometimes can be in 2  
 3 affect the same  
 4 terminate in each other  
 Apoplexy often succeeds Palsy  
 and Palsy of apoplexy  
 Same morbid affection appears in  
 the brain from Apo. Pal. Com. Com  
 Apo. Pal. can be called convulsions

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functions. The sleep of Apoplexy is known from common sleep by its coming on suddenly & being more profound. There is frequently snoring & the greater the snoring the more profound the sleep. The Peristaltic motion of the Bladder continues with the action of the Heart & Lungs, but the Sphincters of the Bladder & anus cease to act. There is frequent numbness of one arm. - The Pulse is *Bynocha*, *Bynochus fortis*, depressed, intermitting or slow - Sometimes so slow as to beat only 7 or 8 times a Minute. A slow pulse is always more dangerous than a quick one, & a pale face more so than a red one. The remote Causes are intemperance in eating or drinking, excessive exercise of the understanding, indolence - Isolation, or what is commonly called a stroke of the Sun. Apoplexy from isolation in Countries uniformly warm is unknown. -

The exciting Causes are numerous, as exercise that is violent to the whole Body, loud & long continued speaking, straining at stool, in-





pure air as Azote &c. tight dresses. especially  
 about the neck, indigestible aliment - roasted  
 cheese has produced it in 2 instances, & roasted  
 clams - Coarseness, great heat to the head, fumes  
 of lead, mercury, also the smoke of Tobacco, con-  
 tusions, intoxication, Stoppage of an habitual or  
 periodical hemorrhage, Parturition, retroces-  
 sion of humours or eruptions, ~~from~~ the healing of  
 old & long standing ulcers - Joy, Anger &c. A case  
 of a man in the American Revolution who took a  
 part on the British side was so excessively enra-  
 ged at having taxes to pay, that while counting  
 out the money to the tax gatherer, he was seized with  
 a fit & died. Damp & cold weather, also hot wea-  
 ther especially to old people who are predisposed to  
 it - Cold feet - of this I have known 2 instances  
 A full meal, especially supper - or a want of sup-  
 per to those who are accustomed to it, neglect of  
 habitual or accustomed bleeding. Absence of a peri-  
 odical fit of the Gout when it falls on the head  
 & of Opium injected into the Anus once produced it





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light & dexterity, intemperance in smoking. Lippot mentions a case of 2 brothers who smoked for a wager, one died while smoking the 1<sup>st</sup> pipe, & the other with the 18<sup>th</sup> in his mouth. Suppression of a salivation, sleeping in a damp house. All these produce apoplexy. But fever of all kinds produce it more especially those of a Malignant kind. On this acct apoplexies were Epidemic in Paris in 1749. Long protracted Headache from Effusions or Congestions of blood, or water in the brain. Lastly Cholick. When blood is extravasated on the Brain, it is generally fatal on the 2<sup>d</sup> attack. Most frequently the function of the brain is destroyed by pressure on it from effused fluids. Some fits of the apoplexy destroy without leaving marks or vestiges of their presence, Joy Electricity, Anger, the fumes of Mercury Azote & some others act in this manner. They prostrate the Brain without by their immense stimulus below the point of reaction.

Cullen has divided Apoplexy into Sanguiferous & Serous, but this division is Hypothetical & the practice therefore dangerous. The Stimulus of water is





the same both in symptoms & cure as that of blood. — It has been said to kill on the 3<sup>d</sup> attack. I have not found it so for drunkards have had it until the 12<sup>th</sup> & others only till the first days before they are destroyed. Again "that those in the decline of life only are subject to it" — This is wrong for I have known the young to have it — that short neck'd people have it only — I have seen it twice in long neck'd. — Women are less subject to it than men, probably from the menses & less exposure. It is sometimes hereditary. It occurs more about the vernal & autumnal equinoxes than at any other time.

Its Precursors are Elevated & extant, moving in persons not accustomed to it, drowsiness, giddiness, numbness of one or both arms or sides, headache, night mare, unusual & distressing dreams, dull & false vision, absence of piles or Gout in persons used to them, blindness over the eyes swelling of the face & neck. The blood is sometimes effused all over the face of a reddish dark colour — this I call Facial Apoplexy — It is common





in angry people - relieved by cupping - Loss of memory or hearing, sneezing, cold feet. fuller inspiration than usual, hemorrhage from the nose colicky pains &c &c

When these symptoms occur, the Physician sh<sup>d</sup> be alarmed 3xii or 3xvi of blood sh<sup>d</sup> be drawn, abstinence or a Purg will arrest the approaching fit. Dr Darwin when under these symptoms bled, even if he was riding out, & thus prevented Apoplexy. Wipper says that even stripes have arrested the fit. But sometimes the fit comes on without any premonitory symptoms - This is in consequence of a vessel bursting in the Brain & is generally fatal. -

When the disease is found & a Physician is called in, first clear the room of all unnecessary attendants, for the least vitiated air is like poison to Apoplectic patients; next loosen tight ligatures or bandages from the whole body, more especially the neck, even tight shoes or boots sh<sup>d</sup> be removed, elevate the head, strictly forbid frictions, or vo-





Catiles to the nose, & then open a Blood vessel to  
 abstract blood from the head. When it proceeds  
 from contusions. B.f. is to be more copious for it is  
 then more necessary than at any other time. The  
 success attending B.f. here, depends often upon  
 the promptness with which it is taken, for this  
 purpose both arms sh<sup>d</sup> be bound up. Blood  
 sh<sup>d</sup> be drawn from the Carotids when practicable,  
 cupping is often of great effect. As an hour in  
 this disease may do more harm than 24 in any  
 other, so B.f. & care ought to be more immediately  
 used. When the pulse is depressed, slow, or inter-  
 mittent, the Riverian method is to be preferred,  
 that is to abstract blood generally by scarifica-  
 tions, & I suppose that great benefit w<sup>d</sup> result  
 from putting leeches up the nose. In this state of  
 Apoplexy, general profuse B.f. will often kill, we  
 sh<sup>d</sup> therefore take away blood gradually. Open a  
 vein take a little blood, tie it up, & as soon as the  
 pulse rises open it again & take more & so on  
 Thrusting a sharp quill up the nose so as to  
 produce





produce Hemorrhage has done good, also taking  
a table spoonful of common Salt

2<sup>d</sup> Vomits have, & may be, exhibited, for this  
purpose a Feather is best, especially when worms, a  
full meal, or acrid matters are present. But 2<sup>d</sup>  
sh<sup>d</sup> always precede vomits. 3<sup>d</sup> The bowels sh<sup>d</sup>  
be emptied by copious purges & Clysters, & the urine  
drawn off with a Catheter when the patient is un-  
able to discharge it. 4<sup>th</sup> Cold water or ice appli-  
ed to the head w<sup>th</sup> sh<sup>d</sup> be previously shaved. They  
are indicated where Apoplexy is attended with  
much Plethora. 5<sup>th</sup> When all these fail Bli-  
sters to the arms legs & neck. Often in the first  
attack, blisters to the extremities are proper, while  
they are improper to the head, because the head  
may be above the blistering point, while the ex-  
tremities are below it. 6<sup>th</sup> Cataplasms of Must-  
ard to the feet cauterizing to the neck, Clysters, a  
shock of Electricity, frictions intense light, & acute  
sounds in the ears - hallooing according to the ex-  
citability, & —————





The unfavourable signs in this disease are 1<sup>st</sup> when it attacks young men under 30. I have cured only one case under this age. It is most fatal to children. 2<sup>d</sup> When one side is convulsed 3<sup>d</sup> Few recover when the Patient raises his hand to his mouth. 4<sup>th</sup> Absence of a chill 5<sup>th</sup> Absence of a full bounding or slow pulse or fever is generally dangerous in the first stage. A chilly fit after apoplexy from a blow is alarming. Absence of a fever or when a fever comes on late in the disease is alarming. 6<sup>th</sup> An intermitting pulse after Uf. 7<sup>th</sup> A pale face. 8<sup>th</sup> Sweating of the face. Without premonitory symptoms it is generally fatal. —

The favourable symptoms are 1<sup>st</sup> Fever or a quick pulse. 2<sup>d</sup> A general sweat, palsy on one side. Stupor & drowsiness w<sup>ch</sup> are easily removed by Caustics & issues. — More recover from the Apoplexy of drunkards than otherwise. —

The Preventives of its recurrence are temperance in eating & drinking. the meat sh<sup>d</sup> be more





stimulating but less nourishing, as wild  
 fowl - The absence of usual & accustomed stim-  
 ulants, often induce Congestions & as much  
 harm as too much indulgence in their use,  
 Hence those who are accustomed to eat sup-  
 pers must not go to bed with an empty Sto-  
 mach. Indigestible food of all kinds is to be  
 avoided as Cheese, mince pies &c. The many  
 deaths about Christmas, arise from mince pies  
 &c. All changes in the diet sh<sup>d</sup> be avoided  
 As I said formerly, the Stomach is not fond of  
 new acquaintances - Hence it is proper for young  
 men to have no particular rigid habit, but  
 eat at any time or any how. As Celsus said  
 "The best habit is no habit at all". However in  
 persons predisposed to disease it is best to avoid  
 a change in the hour of taking aliment. Mo-  
 derately stimulating drinks are best as Ma-  
 deira, Wine & Water &c. Malt liquors are too  
 gross especially for persons of a sedentary life  
 The Wine sh<sup>d</sup> be proportioned to the state of the





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system. Punch is disagreeable — 2<sup>d</sup> In giddiness, garlic is useful. The case of a man who dreamt that Parson Whitfield directed him to take 2 or 3 Cloves of Garlic every morning for a distressing giddiness he had, he awaked did as directed & was cured — 3<sup>d</sup> Gentle & Constant exercise is proper, as walking or gestation, w<sup>th</sup> Cast is preferable, but fatigue must carefully be avoided. 4<sup>th</sup> Avoid all exciting causes w<sup>h</sup> are mentioned above, avoid sleeping with the head too low, (or on the the back) or too much on one side as in nodding while sitting or standing. Sleeping on a Mattress is useful as it promotes restlessness, & prevents the lying too much on the back, or too long on either side. Avoid the suppression of any discharge fr<sup>m</sup> a sore also large & crowded assemblies, & more particularly cold feet. Drains fr<sup>m</sup> the head, as issues are proper. — 5<sup>th</sup> Stopping the habitual practice of chewing tobacco, or smoking, or snuffing may produce Apoplexy. 6<sup>th</sup> Keep a proper



It affects when the Patient sleeps uniformly on one side. — So I advise sleeping alternately on both sides. —

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determination of blood & heat to the feet legs, worsted Stockings, thick shoes, Cataplasms of Burgundy pitch, or (what I have often prescribed with success) a plate of Shoemakers wax worn between the feet & Stockings. The whole of the foot, except the toes, covered. It may be changed once a month. . . Avoid Costiveness, for this purpose, Sulphur is the best purgative as it acts altogether on the bowels. Cold water to the head or whole body, have cured it. Fear & terror have effected a cure. Drunkenness is a form of Apoplexy for an acct of Intemperance you to my inquiries. -

## Palsy. -

Its remote & exciting causes are the same as in Apoplexy - Its premonitory symptoms are nearly the same as in Apoplexy - a weakness or numbness of one leg or convulsions of the eyes & lips are premonitory signs. A Gent: in this City the day before his attack failed in





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Spelling altho' an excellent Scholar. It some-  
times affects the muscles & veins of one side  
only, it is then called Hemiplegia - When  
it attacks the lower extremities, Paraplegia  
It often occurs in the upper & lower limbs from  
Colic - Dysentery. - It depends on a want of  
excitement & attacks the muscles & nerves. Rheu-  
matism sometimes ends in this disease. I  
have then called it Rheumaplegia. The bow-  
els are always affected when the lower limbs  
are. Those working in lead mines are most  
subject to it. It is sometimes a symptom of Hy-  
drocephalus Internus & is always a bad sign  
Sudden pressure on the nerves always, but gra-  
dual pressure will seldom induce it. It at-  
tacks all ages & sexes. After the 50<sup>th</sup> year, we  
are more subject to it. The pulse on the affect-  
ed side is generally more full than that on  
the sound side. I have seen one case where  
there was a more acute pain on the sound side  
I have seen the tongue white on one side, & also



When there are marks of oppression in the blood-  
vessels, blood sh<sup>d</sup> be drawn gradually



a case where there was no taste - A disposition to laugh, & to shed tears, is often seen. -

Palry affects all the mental faculties but mostly the memory - The memory is affected in the follow<sup>g</sup> order 1<sup>o</sup> Words 2<sup>o</sup> Ideas 3<sup>o</sup> time 4<sup>o</sup> Place - Hysterical & Hypochondriacal Patients are often affected with it

An inability to speak arises from 3 causes 1<sup>o</sup> Affections of the Head, 2<sup>o</sup> Palry of the tongue 3<sup>o</sup> Oblivion of all Language. -

Sore mouth often precedes death. -

When the Brain is affected the Remedies are V. of very copious - 150<sup>z</sup> has been taken - Purges, Vomits, Blisters first to the Ankles & Wrists, afterwards to the Head & neck Warm bath after depletion, this sh<sup>d</sup> always be below animal heat. Fockner says more were cured when the temperature was at 96<sup>o</sup> than 105<sup>o</sup> - so great is the insensibility to heat - Cold bath after depletion - issues in the arm, or seton in the neck - Salivation 2 or 3 times re



The first of these is the fact that the  
 system of the world is not a simple  
 one. It is a complex system, and the  
 complexity of it is the source of its  
 power. The second is the fact that the  
 system is not a static one. It is a  
 dynamic system, and the dynamism of  
 it is the source of its life. The third is  
 the fact that the system is not a  
 closed one. It is an open system, and  
 the openness of it is the source of its  
 growth. The fourth is the fact that  
 the system is not a uniform one. It is  
 a heterogeneous system, and the heterogeneity  
 of it is the source of its diversity. The  
 fifth is the fact that the system is not  
 a homogeneous one. It is a heterogeneous  
 system, and the heterogeneity of it is the  
 source of its diversity. The sixth is the  
 fact that the system is not a uniform  
 one. It is a heterogeneous system, and  
 the heterogeneity of it is the source of  
 its diversity. The seventh is the fact  
 that the system is not a homogeneous  
 one. It is a heterogeneous system, and  
 the heterogeneity of it is the source of  
 its diversity. The eighth is the fact  
 that the system is not a uniform one.  
 It is a heterogeneous system, and the  
 heterogeneity of it is the source of its  
 diversity. The ninth is the fact that  
 the system is not a homogeneous one.  
 It is a heterogeneous system, and the  
 heterogeneity of it is the source of its  
 diversity. The tenth is the fact that  
 the system is not a uniform one. It is  
 a heterogeneous system, and the heterogeneity  
 of it is the source of its diversity.

treated, if once fail - This ought to be used cau-  
 tiously, & carefully, after 60 y<sup>r</sup> of age. - The  
 excitement of Stimulating passions as Anger &c  
 The son of Croesus was cured by terror. The cry of  
 fire has cured it. I heard of one case where the  
 Patient could move his arm when he <sup>first</sup> awoke  
 but on recollecting he had the disease he was  
 unable. I have once known the drawing of a  
 tooth to cure a palsy w<sup>h</sup> affected the whole face.  
 Certain Stimulating substances held in the  
 mouth to divert the disease as Salt, Pyrethrum  
 &c Electricity sometimes cures it, to be useful, it  
 must be often repeated & only after depletion, or  
 when the Pulse is low - Tying down the affec-  
 ted arm in order to determine the blood to the  
 affected arm. Tying ligatures round the affec-  
 ted limb when tremors &c exist Case of a  
 Schoolmaster tying ligatures between the el-  
 bows & wrists of his Scholars to stop a shaking  
 of the hands in writing. -  
 When the symptoms continue long with-





out pain, & the mental faculties or tongue are not affected, we have reason to suppose the brain is not affected. —

The first symptoms of recovery are 1<sup>st</sup> in the voice 2<sup>d</sup> in speech, & 3<sup>d</sup> in sweats — but I have seen the reverse of this viz sweats first & sweating of the affected side is unfavourable —

Dalry is known to affect the Nerves & Muscles by 1<sup>st</sup> to change in the symptoms & more uniformity — 2<sup>d</sup> The sound state of the mental faculties — 3<sup>d</sup> The senses perfect & 4<sup>th</sup> The Pulse Natural & no pain —

When it affects these the Remedies are external or internal. The external are Frictions with the hands, flesh brush & warmth applied by vapor or sand bath, Cold Bath — hot & cold bath alternately. Weights suspended to the affected side beginning with a pound & gradually increasing.

The Internal are Emphysematic Oils, as



The first of these is the fact that the  
 government has been unable to  
 secure the necessary funds to  
 carry out its policy of  
 maintaining the peace and  
 order of the country. This  
 has been due to a variety of  
 causes, including the  
 high cost of the war and  
 the need to maintain a large  
 standing army. The result  
 has been a severe shortage  
 of funds, which has forced  
 the government to resort to  
 measures of financial stringency.  
 These measures have included  
 the raising of taxes and the  
 reduction of public expenditure.  
 The government has also been  
 forced to borrow money from  
 foreign sources, which has  
 led to a heavy burden of  
 foreign debt. The result  
 has been a severe economic  
 crisis, which has led to  
 widespread poverty and  
 social unrest. The government  
 has been unable to meet the  
 needs of the people, and  
 the country has been plunged  
 into a state of chaos. The  
 only way out of this crisis  
 is for the government to  
 take bold and decisive  
 action. It must first of all  
 secure the necessary funds  
 to carry out its policy of  
 maintaining the peace and  
 order of the country. This  
 can only be done by raising  
 taxes and reducing public  
 expenditure. The government  
 must also be able to borrow  
 money from foreign sources  
 on reasonable terms. Only  
 by taking these measures  
 can the government hope to  
 meet the needs of the people  
 and bring the country back  
 to a state of peace and  
 order.

tar, turpentine oil of Amber Vol: Tinct. Gum  
Guaiac Hartshorne Other, Garlic & Hawthari-  
des &c. If these fail, a Salivation. When pain at-  
tends, Opium may be given. Pains in the limbs  
sometimes attends convalescents, & is a favourable  
Symptom. Intermittent or other Fevers sometimes  
cure it. — Insensibility of the affected side is un-  
favourable. It is more easily cured when recent  
or ~~for~~ Cold. Such are the effects of Epidemics  
that they sometimes cure this disease. Easily cu-  
red when the upper limbs are affected only, easily  
tho' slower, when accompanied with Dependent  
Gout Rheumatism.

The Trophylactics are the same as those  
for Apoplexy — Care sh<sup>d</sup> be taken that the patient  
does not lie too long on one side, or sit too long  
with one side to the fire. I have frequently  
heard those affected with the Palsy say that  
they were accustomed to lay on the affected  
side — to this However I know one exception  
& only one. — It sometimes happens that an



(m) It is a tendency to Epilepsy

injury done on one side produces its effects on the other. —

## Catalepsy. — (m)

This is induced by a moderate pressure on the brain. It has a tendency to Apoplexy but is not attended with falling down. The Patient remains in the same position insensible with his eyes open. It is most commonly derived from long attention to one subject. It is however produced by all the causes of Apoplexy — by Love &c. —

The Remedies are V. & afterwards strong & specific Stimuli according to its cause. I once knew it bro't on by Love, & the young man who had it was cured by the presence of the Lady whom he loved. —

## Coma or Stargy.

This is a disposition to sleep longer than Natural or usual. It often attends fevers, & is an inferior grade of Apoplexy — or arises from pres-



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*[The main body of the page contains several paragraphs of extremely faint, illegible handwriting. The text is too light to transcribe accurately.]*

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sure on the Brain. Dr Willing says he knew  
a fit to last for 26 days & another for August  
to January. & nothing could awake them. It  
is proper to treasure up the extremities of Na-  
ture. What will be the effects of Stimuli? A  
Whisper will awaken when loud conversat<sup>ion</sup>  
will not owing to the whisper being in uni-  
son with the excitability of the system.

Remedies Regulated by the pulse,  
Purges, Cataplasms to the feet &c and avoid  
all the exciting causes. —

## Wakefulness.

This becomes a disease only when it is longer  
than natural, & is attended with languor.  
It often occurs after chronic fevers, & ner-  
vous affections. It is generally the effect of  
mental Stimuli. In some fevers wakefulness  
will often continue weeks without any in-  
jury to the system. It is a premonitory sign of  
Madness. It is sometimes induced by strong  
coffee





coffee, tea, Peruv. Bark &c. Clooses of Bark induced wakefulness in a patient of mine for 3 days & nights. Dr Willis says it is attended with Flatulency & Belching. Studious men are most subject to it. Rossau was very subject to it in the latter part of his life. It proved fatal to Mr. McBride. It most generally attends the decline of life owing to the second childhood at w<sup>h</sup> time, the excitability is so great that a grasshopper is a burthen. The excitement is not always morbid, it is frequently natural but elevated. The pulse is often full & tense.

The Remedies are 1<sup>st</sup> V. when the system is above the sleeping point, when the pulse is tense & there is a throbbing in the temporal arteries. Case of a man sleeping better after V. than for 7 years before - it acts like a charm in. The repetition of this, cures Nervous irritability. Case of a Lady cured of impending insanity by V. — 2<sup>d</sup> Cupping





Purges, absence of supper, gentle labour in the  
 day time, or just before lying down. In this  
 while young I have often walked down the ex-  
 citem<sup>t</sup> - Low diet, blisters to the ankles & neck -  
 Complete darkness, profound silence, lying  
 on the back, but this w<sup>d</sup> be unsafe, if the sys-  
 tem be much reduced, sitting up, warmth to  
 the feet by bricks & bottles of warm water, con-  
 centrating the mind & care to one thought or  
 sound, counting in the imagination 100 back-  
 wards, contemplating a large flock of sheep  
 leaping a fence one by one, listening to wa-  
 ter dropping into a cask or off the eaves of a  
 house, or on it, contemplating a field of wheat  
 just before harvest waving before a gentle  
 breeze, listening to the Clion harp &c. Mono-  
 tonous sounds induce sleep by wearing down  
 the excitem<sup>t</sup> & not by reflex sensation. -

When the System or Brain is below the  
 sleeping point the Remedies are 1<sup>st</sup> Opium  
 beginning with small doses, 5 drops of





Laud: will often induce sleep when 30w<sup>d</sup>  
 not - 2<sup>d</sup> Opafotida will often succeed when  
 Opium fails - 3<sup>d</sup> Eating moderate suppers  
 4<sup>th</sup> A Glass of wine - eating is often of more effect  
 than a powerful Stimulus. by its stimulus  
 being gentle & durable - 5<sup>th</sup> Jumping out of  
 bed & walking about the Room. This equalizes  
 excitement by throwing it from the brain to the feet  
 Pediluvium, the light of a candle, of the morning,  
 throwing off bed clothes, warm bath, sleeping  
 on one side by increasing muscular motion -  
 6<sup>th</sup> Customary sounds - Case of a watchmaker for-  
 merly mentioned, a bag of hops under the head,  
 going to bed & rising at the same hour. No  
 news, or any interesting subject sh<sup>d</sup> be introdu-  
 ced into conversation in the evening, & the pa-  
 tients Spirits sh<sup>d</sup> be kept up by giving the his-  
 tory of those who have Recovered. - Rocking in  
 a cradle, it gently stimulates the Brain  
 Recollect the Bloodvessels Brain & muscles in this  
 disease are to be raised or reduced to the sleeping  
 point, altogether. -





# Vertigo. -

This is various in its appearances & causes. It occurs with or without sickness, with or without noise in the ears, with or without blindness. It occurs when the venous plethora succeeds the arterial. It has the follow<sup>g</sup> grades 1<sup>st</sup> a turning round of the head 2<sup>d</sup> trembling of the head 3<sup>d</sup> Fear of falling. 4<sup>th</sup> Tinnitus Aurium. Apoplexy. The mind is generally unimpaired & the memory also. It is prevented by closing the eyes -

Local causes - wounds, contusions, obstructions of the brain - General Causes, strong tea & coffee, tobacco, tight ligatures, plethora for all its causes. Gout, Epilepsy & fevers of all kinds. Symptomatic Causes, worms, bile, extra quantity of feces in the intestines - The bowels are excellent outlets for all diseases of the brain. It attacks chiefly in the decline of life, is induced by a cessation of the menses. Attacks when walking or riding in a Carriage, but its worst grade is when it attacks in a recumbent posture.



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The first of the year was a very cold one, and the  
 weather was very disagreeable. The wind was  
 very strong, and the rain was very heavy.  
 The snow was very deep, and the ice was very  
 thick. The water was very cold, and the  
 ground was very hard. The trees were very  
 bare, and the leaves were very dry. The  
 grass was very dry, and the flowers were very  
 faded. The birds were very scarce, and the  
 animals were very thin. The people were very  
 poor, and the houses were very old. The  
 streets were very dirty, and the air was very  
 foul. The food was very bad, and the  
 clothing was very ragged. The people were  
 very sick, and the children were very  
 poor. The people were very poor, and the  
 houses were very old. The streets were very  
 dirty, and the air was very foul. The food  
 was very bad, and the clothing was very  
 ragged. The people were very sick, and the  
 children were very poor.

because that is the posture generally proper to cure it. It is sometimes a symptom of Gout & Rheumatism, & frequently a precursor of the puer. It affects the eyes & terminates in Apoplexy &c.

The Remedies are Bleed. & Cupping, w<sup>h</sup> do more good when Head aches succeeds their exhibition. It is also an excellent Symptom. Purge, If sour, Cold to the Head & warmth to the Feet - Garlic, this is a most excellent remedy but never given with a tense pulse - Low diet, excitement reduced; all exciting causes, especially ligatures, coffee &c removed - Coffee & Tobacco in this disease are uniformly hurtful. -

## Headache

This affects all ages above puberty, & sometimes children from 14 to 8 & 10. Women are more subject to it than men in the Ratio of 10 to 1. It often arises in them from Gout. It is often cured at 40, by the exchange of the Arterial for the venous plethora. Changes of situation, of Labour,





of the mind have frequently cured it. His frequently periodical occurring weekly monthly, twice a year, or annually. I once saw it occur every Sept<sup>r</sup> only - I have known it continue thro' the whole course of a very protracted life of 87 years. —

The remote & exciting Causes act directly on the brain & indirectly thro' the medium of the bloodvessels, Nerves, Mind, Senses, & the Stomach.

The remote Causes acting directly on the brain are, Malconformation of the head, Contusions, decayed teeth, abscesses in the ear, maxillary, & frontal Sinuses &c &c

I Those acting indirectly on the brain thro' the medium of the Bloodvessels are 1<sup>st</sup> Fevers of all kinds - it is often the solitary symptom of a reigning Epidemic. When <sup>from</sup> intermittent Fevers, it appears in that form - 2<sup>o</sup> From Gout. This is known by its occurring in the Gouty periods of fall & spring in those persons accustomed to Gout





in persons born of a Gouty family &c. I once saw  
 a Gouty head ache of 15 years standing alternate  
 with the gleet. 3<sup>d</sup> Rheumatism from cold. 4<sup>th</sup> Heat  
 & Cold, succeeding each other. 5<sup>th</sup> From occurring at  
 puberty. 6<sup>th</sup> At the change of Arterial for Ve-  
 nous plethora from the strife w<sup>ch</sup> takes place be-  
 tween the Arteries & Veins between 36 & 40. 7<sup>th</sup>  
 From a suppression or cessation of the Menstru-  
 aception of the Piles. 8<sup>th</sup> From leaving off any  
 customary evacuation or discharge. 9<sup>th</sup> Costive-  
 ness from the Piles or from Condylomata. 10<sup>th</sup> Liga-  
 tures produce it, or tight dresses on the head or feet.

II<sup>d</sup> Those acting indirectly on the brain thro'  
 the medium of the Nerves are 1<sup>st</sup> Certain states  
 of the air as Moisture, dryness, or winds, thun-  
 der & lightning. I once knew a Lady who could  
 tell the approach of thunder & lightning by a  
 headache w<sup>ch</sup> she experienced at its approach -  
 2<sup>d</sup> Impressions in parts of the body conveying sen-  
 sation to the head as standing too long on the feet -  
 3<sup>d</sup> Sleeping & waking at unusual hours. —





III<sup>d</sup> The causes w<sup>h</sup> act indirectly on the brain thro' the medium of the mind, are hardships, hard study, sudden & violent Passions

IV<sup>th</sup> The causes acting on the brain thro' the medium of the senses are Sounds, Odours, looking at intense light, or powerful heights &c

V<sup>th</sup> The causes acting indirectly on the brain thro' the medium of the Stomach are Bile, indigestible aliments as Cheese, butter, full meals &c. But affects thro' these media are often combined to constitute headache - w<sup>h</sup> has the follow<sup>g</sup> marks - 1<sup>st</sup> It appears in the whole head. 2<sup>d</sup> In the Sinciput or Occiput only - 3<sup>d</sup> Over the orbits of one or both eyes this according to Dr Clarkson arises fr<sup>m</sup> bile in the stomach. 4<sup>th</sup> Dull pain - 5<sup>th</sup> Acute & constant pain - 6<sup>th</sup> There are often distinct exacerbations or remissions - 7<sup>th</sup> Attended with a sense as if the sutures were opening or shutting - 8<sup>th</sup> With the scalp too sore to be touched these pains with all their seats & grades con-





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time sometimes for years with no abatement.

Numerous as these causes are many pass thro' life without a headache. —

I have known it to go off with the rising & come on with the setting of the sun. In some, it occurs in the spring or Autumn, but most generally in the winter & then its seat is in the Arterial System. Dr Boerhaave says, the seat of pain is in the Dura Mater. —

The Remedies are different as it arises from different causes, hence no one remedy is proper at all times. — When it arises from Malconformation, little can be done, however it may be palliated by small & repeated Uf. — When from local causes as Contusions &c, the remedies are Copious Uf. Purges, Cupping, Blisters, deep Scarifications in the scalp, Even incisions down to the pericranium used by Dr Phipps with success. These are all proper & if used in time will certainly prevent the use of the Trepan. — Labour & <sup>a change of</sup> occupations have





Cured it. A Fall on the Ice have cured it in  
 a Lady of this City. — When it arises from de-  
 cayed teeth or abscess in the Maxillary sinus  
 let the tooth or teeth be extracted & the abscess  
 healed. — If it arises from indirect causes ac-  
 ting on the brain thro' the medium of the blood  
 vessels or from fever, accommodate the reme-  
 dies to the state of fever. If from a prevailing  
 Epidemic, treat it as such. — If it be intermit-  
ting, bark will be of service. If from Gout or  
 Rheumatism treat it accordingly keeping con-  
 tinually in view that there is no back door to  
 the brain, & that it requires twice the quantity  
 of blood to be drawn than any other part w<sup>d</sup>.  
 When not cured, it ends in Blindness, deaf-  
 ness, Loss of memory, giddiness, Epilepsy, Palsy,  
 Apoplexy, Hydrocephalus, & occasionally,  
 but very rarely indeed, Madness. — The  
 gradual abstraction of stimulus is necessary by  
 Ves. Cupping, Purges, Emetics, Blisters first to  
 the limbs, then to the head & behind the ears. Ab-





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Attraction for Animal food, Cold to the Head Salivations & incisions down to the bone.

When V. fails to cure directly use Mercury - Cupping & losing only 2 OZ of blood have prevented it. If it arises for heat & cold, a

gradual abstraction of heat, or the gradual application of cold to suit the State of the system

If in Puberty for the strife between the Arteries & veins, small & frequent V. If for the cessation or obstruction of the Menstrues, small V. gentle purges, Snuff to incite the Nasal discharge, or increase it. If for Condylomata, they sh<sup>d</sup>

be cut off. If for repelled Eruptions, restore them. If for other diseases, substitute issues &c

If from Costiveness, Purge &c. If for ligatures, remove them. When the Head ache proceeds for

the beginning, or with weak morbid action, the

Remedies are Opium, Wine, Vol: Tinct: of Gum Guaiac: warm applications to the Head, Pediluvium. Garlic, Salt, or Burgundy pitch to the feet, or what is still better, common Shoenia =





Kers wax. Inhaling the steam of hot water, exercises not Sternutories, local sweats to the head, & lastly a Salivation.

When the head is affected thro' the medium of the Nervous System, the remedies are Ref. when the bloodvessels are brought into sympathy, Cold applications to the head & all the remedies for Hysteria. - When for the Mind & Senses, the exciting causes are to be particularly avoided.

When thro' the medium of the Stomach as Bile, Vomits & Tonics. Indigestible aliment of all kinds sh<sup>d</sup> be particularly avoided. -

In Periodical Headache the symptoms are imperfect vision, ears affected with imaginary sounds, troublesome dreams, a sudden increase or diminution of appetite. Cold & dry feet are the symptoms for Cold.

There is sometimes a difficulty in determining whether the head or Stomach be the primary cause of this distressing complaint, but we take it as a general rule, that when Headache occurs



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occurs before a sick Stomach. The head ache is the primary disease & vice versa. — The Remedies are Pediluvium, Abstinence, Vomits Purges, cupping, sweating, Laud. in large doses 3 or 4 grs of pepper, a glass of wine & 3 pints of hot water. This last is a prescription of Dr Darwin.

In Nervous Headache the face is red & hot, eye lids fall, tears flow involuntary, vision is affected, Smell & taste diminished — Ears affected with the most false imaginary sounds or noise — mind affected, Costiveness, bilious vomiting, pale urine &c. It mostly attacks women. Dr Cullen says 4 women are affected with this disease for one man. There is also a loss of Memory, & without conversation. —

The Remedies V. if the paroxysm be violent, or the pain very acute, or so great as to prostrate the blood vessels — 2<sup>d</sup> Purgers, 3<sup>d</sup> Blisters, — Cataplasms of Mustard to the Feet. Rest in a recumbent posture, & in a dark room — ~~See~~ <sup>See</sup> ~~liver~~





lence, bandages around the head. Other applied to the head in bladder; 3 or 4 glasses of sound old wine taken internally. These are all proper in suffocated excitement. Lastly, Terror. —

The powerful effects of the passions of the mind have in curing the head ache was exemplified in Lady Russell who was cured by distress occasioned by the execution of her husband. —

In the Intervals of this disease the remedies are Bark, Valerian, or both combined. Zine. blue Nitriol, preparations of Iron, Arsenic, Cold baths, hot baths, warm or Cold applications to the head, shaving the head, a cordial diet with wine or Spirits, a free use of pepper in our food or alone, avoiding all the exciting causes, as powder on the head acid & indigestible substances in the Stomach &c.

The Signs of Life & Death are  
 1<sup>st</sup> It is most dangerous when it arises from all its causes, direct & indirect combined —  
 When Hereditary it is very obstinate. — When





a form of Gout or Rheumatism generally affects the scalp & more external parts, it is not very dangerous - 2<sup>d</sup> Less, so when it arises thro' the medium of the blood vessels - 3<sup>d</sup> Still less so when it arises thro' the medium of the muscles, & appears to affect them primarily - 4<sup>th</sup> Less, so when it arises thro' the medium of the stomach - 5<sup>th</sup> Less, so when thro' the medium of the nerves & mind 6<sup>th</sup> and lastly when the pain appears to be diffused throughout the whole system the cure is easier than in any of the above, & further, the more diffused the pain, the less is the danger -

When called to a patient, enquire whether the head ache be induced by direct or indirect causes. If indirect, thro' what system it affects the head, & suit y<sup>r</sup> remedies accordingly. Recollect Gent. before you prescribe, that all its causes are sometimes combined.





# Epilepsy. —

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This is attended with convulsions, & with or without sleep. The Ancients called it Morbus Comitialis, from its being produced by impure or azotic gas. I have read & thought much on Epilepsy, I am sorry to say that I know very little more now about it than I did 30 or 35 years ago. I leave it to you Gent: who may in y<sup>e</sup> happy moment of mental excitement discover its cure. I shall proceed to deliver facts only. Debility is the predisposing cause, hence its paroxysms appear in the night, like all other diseases that originate from debility. Its difficulty of cure consists in its being deeply seated in the nerves, muscles & blood vessels, & in its imparting to each a morbid excitability. I regret very much that sufficient attention has not formerly been paid to the different grades of this disease. I shall divide it into 5 grades. —





1<sup>st</sup> Sometimes the Paroxysm is so violent as to cause an emission of the Semen Masculinum accord<sup>d</sup> to Lower, & an effusion of blood from the Arterial extremities in a bloody sweat accord<sup>d</sup> to Dr Short. I once saw it so violent that the patient was insensible to the pain of parturition happening during a fit. The emission of the Semen Masculinum happens in other diseases of great violence - I have seen it in Y. Fever. -

2<sup>d</sup> The body & mind are not prostrated, this is a milder grade. -

3<sup>d</sup> Sometimes it only produces fainting or a loss of speech for a while, also the loss of walking but for a short time. -

4<sup>th</sup> It is sometimes so mild that the eyes & face only are a little convulsed. -

5<sup>th</sup> There is a grade of it resembling the German Ephimendes in w<sup>ch</sup> the patient has complete recollection of all that happened the day before. Epilepsy affects from childhood to



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6 Appears in convulsions

+ It is often a filial but not hereditary disease



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the 50<sup>th</sup> year of life. The duration of the fit differs in different times & patients. The intervals between the fits are ~~from~~ 24 hours to 6 months. After the 50<sup>th</sup> year of life it generally goes off entirely or only has symptoms of fainting. It generally tho' not always shortens life. It sometimes impairs the memory, induces fainting &c but is generally without these effects. It is sometimes succeeded by or alternated with madness. Mahomet & Julius Caesar who were both subject to it, experienced no mental disadvantage. It proves fatal when the fit does not kill, by ending in Hydrocephalus Internus. Dissections show that in those dying in Epilepsy the blood is confined principally to the arteries, & that the veins are almost empty. May we not conclude ~~from~~ thence that it is like a Tornado, a fever of deep hold. All its remote causes are the same as those of fever, acting with more force & more immediately on debility. — Common



The first of these is the fact that the  
 number of cases of the disease has  
 increased in the last few years.  
 This is due to the fact that the  
 disease is more common in the  
 tropics than in the temperate  
 regions. It is also more common  
 in the lower than in the upper  
 classes of society. This is due to  
 the fact that the lower classes  
 live in more crowded and  
 unhygienic conditions than the  
 upper classes. It is also more  
 common in the summer months  
 than in the winter months. This  
 is due to the fact that the  
 disease is more common in the  
 warm than in the cold weather.  
 The second of these is the fact  
 that the disease is more common  
 in the tropics than in the  
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 classes. It is also more common  
 in the summer months than in  
 the winter months. This is due  
 to the fact that the disease is  
 more common in the warm than  
 in the cold weather.

fevers invade the bloodvessels, while Epilepsy seeks & finds a different hold by sitting upon the nerves, brain & muscles. —

The Remote Causes are general and Local

The general Causes are 1<sup>st</sup> Intemperance in eating or drinking, or excess in Venery - 2<sup>d</sup> Great bodily or mental exercise - 3<sup>d</sup> Quarism. 4<sup>th</sup> Terror - Shipwreck has twice to my knowledge produced it. Arnolds effigy being carried about the streets, induced it in a young man who saw it, & he never recovered - 5<sup>th</sup> Retention of excretions 6<sup>th</sup> Repelled Eruptions, as the gutta rosea, a sudden suppression of the Fluor Albus - a case of a young lady who had it from this cause. 7<sup>th</sup> Sleeping in the open air & with wet clothes here or Azotic air has produced it. 8<sup>th</sup> It is often induced by Sympathy, as by imitating the actions of those in a fit - 10<sup>th</sup> Congeniality sometimes produces it - Case of a woman who seeing one in a fit while she was pregnant brought forth a daughter who continued to have Epilepsy,





all her life. 11 worms - Loud & long laughing sometimes produce it. -

The Local Causes are 1<sup>st</sup> Fractures of the skull & compression of the brain - 2<sup>d</sup> Mal-conformation of the brain & skull 3<sup>d</sup> Tumours 4<sup>th</sup> Dr<sup>r</sup> Short mentions that ragged warts on the ankles produced it - 5<sup>th</sup> decayed teeth. -

A fit when once formed can be removed by removing all the exciting causes & association. A case of a soldier who was always seized with a fit on drinking out of a Cup, also a Lady in whom dressing induced it. Association has sometimes induced incurable Epilepsies. Fits occur more in the sleeping than in the waking state - this I think may be partly owing to an association of ideas in dreams & not wholly to debility which is more general at that time. Has this disease ever been cured by Nature? No! But accidental circumstances may cure it. It is cured first by Puberty - 2<sup>d</sup> By Pregnancy & childbearing - 3<sup>d</sup> Change of climate & residence



+ by an attack from the day and lastly  
by dropping

always taking care to let the climate be agreeable - This acts by destroying the chain of formed ideas 1<sup>st</sup> By the hardships of a military life 5<sup>th</sup> By old age. Fits often cease at 50 or 60 - 6<sup>th</sup> Burns, for falling into the fire have cured it +

Appearances on Dissection, the same as in Apoplexy. - Epilepsy, Apoplexy - Palsy, Phrenitis & Mania occupy different parts of the Brain. -

The Remedies for Epilepsy are of 3 kinds 1<sup>st</sup> Such as are proper for its forming state - 2<sup>d</sup> During the Paroxysm - & 3<sup>d</sup> for the Intervals. But previous to mentioning the remedies, it will be proper to relate all the symptoms which precede it -

1<sup>st</sup> A bitter taste in the mouth 2 or 3 days before the fit, an enlargement of the pupils, tremors false vision, a preternatural slow & sometimes a tense pulse, pain in the head & right eye, & an inflammation of the Tunica Adnata, a peculiar odour in the breath, costiveness, redness in the face, pain in the feet, a sense of horror, pimples upon the tongue, a trembling of the upper lip, & aura



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+ erumpent remembrance about the heart  
rings dancily, laughing hollowly  
and rising elevation of all the  
faculties of the mind

## Epileptica.†—

The Remedies for the forming state are 1<sup>st</sup> Ves. if the pulse be tense, or there appears to be much fulness in the bloodvessels of the brain - 2<sup>d</sup> Emetics when there is a bitter taste in the mouth - 3<sup>d</sup> Abstinence fr<sup>m</sup> animal food & using vegetable diet 4<sup>th</sup> Gentle Purge as Sulphur - 5<sup>th</sup> A dose of Opium 6<sup>th</sup> A cup full of the juice of rue - The smell of burning sulphur. Dr Currie of Liverpool recommends a tobacco leaf applied to the pit of the Stomach, half an hour before the expected fit. Ligatures round the extremities when the aura Epileptica appear to keep it fr<sup>m</sup> rising. Fear sometimes prevents the fit. Dr Cullen once threatened to burn a patient with a red hot iron if he suffered the fit to come again, by w<sup>ch</sup> the fit altho' it had been long regular failed to come. When the fit is approaching, running, rising in bed. Keeping the teeth open with a piece of wood or the like, rubbing the head & throwing it back against a wall have all prevented its approach. ~~unhappy mistake~~ The



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The Remedies during the Fit are V.f., fresh air, V.f., fresh air, have no more than necessary attendants, loose all ligatures & tight dresses. & keeping the Patient in an easy recumbent posture. I say again that I lament that no notice has formerly been taken of the different grades, & in w<sup>th</sup> different remedies have been successful. -

The Remedies for the worst grades are  
1 Depleting medicines, reducing the Bloodvessels, nerves & muscles, gradually below the point of morbid action. The follow<sup>g</sup> remarks may be observed - 1<sup>st</sup> V.f. is indicated by the pulse, the blood is almost always sixy, & exhibits other marks of inflammatory action - 2<sup>d</sup> Milk has often done more good than any other medicine according to Cullen; to be effectual the system sh<sup>d</sup> be reduced very low before its use. A Case of a Dr Clay who uses the milk of a cow, fed upon grass & hay, but as soon as she ate of grain, the milk disordered him. I am



+ cold applications to the head sleeping  
in a sitting posture preventing the  
dilatation of blood to the head

convinced that much may be done in this disease by low diet, but especially diet by weight & measure. The morbid Convulsions of the Y. Fever, & common Remittents of the Bra-  
mans in India are prevented by temperance, a low & equable diet. The System rises & falls as a Thermometer, consequently the attention necessary to suit its changes is very great. 3<sup>d</sup> Salivation - This revolutionary medicine was introduced into this disease by a Dr Smith of London; the salivation sh<sup>d</sup> be kept up a month or 6 weeks. - It acts in two ways - 1<sup>st</sup> By depletion 2<sup>d</sup> By the abstinence necessarily attending its exhibition. I have cured two by this remedy. In this disease it is difficult to make the Mercury act on the Salivary glands. Bloodletting ought always to precede salivation. -

In an opposite State of the System whether it succeeds the State of it we have just been speaking, or be a disease of weak morb. action; opposite remedies must be employed, as Tonics &c.



+ They have not done much service

II<sup>d</sup> Tonic Remedies so powerful as to overcome predisposing debility. - These were suggested for the cure of Epilepsy by Puberty, Pregnancy, old age, Burns, & a camp life after curing it. -

The Vegetable Tonics are Mistletoe, Bark, Opium, & Stramonium. The Opium ought to be given in large doses, & for a considerable time to create giddiness & even Delirium. Dr Darwin says we had better create a little irregularity in the Brain, than suffer a continuance of the convulsions of the whole system. Dr Archer has cured two cases by Stramonium - 8 out of 14 have been cured by it. To be effectual it sh<sup>d</sup> be given till it produce giddiness, & a greater & new action in the Brain. -

The Metallic Tonics are Steel, green, blue, & white Vitriol, Zinc, Sacch: Sat: By this last, giving fr<sup>m</sup> 1 to 3 grs three times a day, I have cured several children, but have always failed in Adults. I once relieved an Adult for Cr<sup>m</sup> with this medicine, but at that time it returned as violent





as ever. Under Puberty, this med. has never failed. — Nitrate of Silver  $\frac{1}{4}$  gr twice a day, Arsenic  $\frac{1}{10}$  to  $\frac{1}{100}$  of a gr a day — Majestory of his mouth in pills, or dissolved in Aq. Font. have been all said to cure it. Swallow<sup>g</sup> a piece of silver once cured it, w<sup>th</sup> suggested to me the use of Nitrate of Silver. Phosphorus & Copper have also been used. —

If Epilepsy depend on a more deep-seated debility than fever, it follows that large doses & more powerful tonics sh<sup>d</sup> be given. The usual Stimuli are apt not to affect, then consequently we must increase the dose. With all these, a Cordial diet & drinks, gentle exercise or labour sh<sup>d</sup> be combined. I knew a case of an Epileptic patient having his fits on Sundays at w<sup>th</sup> time he ceased fr<sup>m</sup> labour. — What w<sup>d</sup> be the effect of high fever in curing this disease? Dr La Roche has known the Fits put off 22 Months by fever. We are certain that the Convulsive fits are suspended by the fever of the small





pro. In moderate cases of Epilepsy, Setons or  
 Issues to the neck, arms, legs, & feet. Perhaps  
 this disease may be a retrograde motion of the  
 nervous fluid. Actual Caustery to the Coronal  
 & Sagittal Sutures, Blisters all over the head,  
 Clysters of Tobacco, long journeys, change of cli-  
 mate & residence. When for tumors, they sh<sup>d</sup>  
 be cut out - Uniformity of impression for dress,  
 diet, drink & Company. The Stomach sh<sup>d</sup>  
 be well regulated for in this disease, there is a  
 morbid appetite. Sleeping on a hard bed or mat-  
 trap is proper. Sound of large bells has sometimes  
 cured it in France; also Contusions - 2 Cases  
 cured by the Achi - Acting always a favoura-  
 ble sign. — From a review of the Cures in this  
 disease, we find a greater balance is given  
 to V. Mild diet, Salivation & Sacchi. Sat., w<sup>h</sup>  
 are the remedies to be depended on. —

Remove the patient for all exciting causes, as  
 Study &c - & if there be wounds remove them  
 Let me now Gent. beg of you to think on this





disease in of retirement, for the discoverer of a regular cure for it will be entitled to more honour than the discoverer of the Georgium Sidus.

## Asthma. —

This is known by a difficulty of breathing, no expectoration, in the first stages of the fit. But copious discharges towards the end. It is distinguished from Pneumony by having no fever, from Dyspepsia by its having intervals of ease & apparent health. It is sometimes hereditary — It occurs in children, at Puberty, at 30 & in the decline of life. —

The Remote & exciting causes are 1<sup>st</sup> Great heat, hence it is more frequent in summer — 2<sup>d</sup> Cold succeeding heat — 3<sup>d</sup> Certain dry or moist winds — 4<sup>th</sup> Certain particles received into & acting mechanically on the lungs — 5<sup>th</sup> Certain odours, as the smell of new feathers, the smell of burning feathers & smell of Ipecac. have produced it, carbonic acid gas, & the smoke of Tobacco



The first of these is the fact that the  
 system of the world is not a simple  
 one. It is a complex one, and the  
 complexity of it is the source of all  
 the difficulties which we encounter in  
 our study of it. The second fact is  
 that the system of the world is not  
 a static one. It is a dynamic one,  
 and the changes which it undergoes  
 are the source of all the difficulties  
 which we encounter in our study of  
 it. The third fact is that the system  
 of the world is not a uniform one.  
 It is a varied one, and the variations  
 which it undergoes are the source of  
 all the difficulties which we encounter  
 in our study of it. The fourth fact  
 is that the system of the world is not  
 a perfect one. It is an imperfect one,  
 and the imperfections which it contains  
 are the source of all the difficulties  
 which we encounter in our study of  
 it. The fifth fact is that the system  
 of the world is not a complete one.  
 It is an incomplete one, and the  
 incompleteness which it contains is  
 the source of all the difficulties which  
 we encounter in our study of it.

received into the Lungs & Suppression of custom-  
ary evacuations from the Uterus & Repelled erup-  
tions, worms in the Stomach, gout, high & Coun-  
try situations near the sea shore, gall stones,  
long fasting, pregnancy, this sometimes produces  
it & causes it to be habitual, & at others to occur  
only in the time of Pregnancy, & disappears  
with it - indigestible aliments. I have even known  
it induced by eating waffles & buck wheat cakes;  
Hard running has produced it. -

The Premonitory Symptoms are lassitude,  
uneasiness in the breast, drowsiness after din-  
ner, flatulency, difficulty of Breathing, dry & cold  
feet. - The Prophylactics when these symp-  
toms appear, are Pediluvium, Vomits, Purgs &  
sitting up all night has sometimes prevented the  
fit. The heat of the Body is at 80 during the  
fit; the pulse natural, because the bloodvessels  
do not sympathize as in some other diseases -  
The respiration is quicker than in health, the  
expiration is with a noise, & sometimes so sud-





den as to stop the glottis. - The patient is unable to lie down. It feels very uneasy; the most easy way in which a patient can place himself, is to stretch his legs on a chair & hold his head forward. By this means the cavity of the Thorax will be enlarged, & it is on this acct<sup>t</sup> that we so often find Asthmatic patients in this posture, & if we sh<sup>d</sup> not find them so, they sh<sup>d</sup> be placed in it. The fit occurs in the night & lasts from  $\frac{1}{2}$  to 1 or 2 or 3 days. It occurs from 1, 2, 3 to 36 times in the year. It sometimes exists without intervals in a chronic form w<sup>h</sup> depends on a Malconformation of the Lung. I knew it once to continue 7 years, during w<sup>h</sup> time the patient did not lie down. In recent cases there are no marks of disease, but in old & long standing cases, the Lung shew evident signs of disease. It sometimes ends in Pneumony, but more frequently in Pulmon. Consumpt<sup>n</sup>. It now & then ends in Hydrothorax & sometimes in Fatuity. A fit of Asthma generally resembles the last stage.





gles of a disease in death. It has all the symptoms of approaching death. But Cold breath in this disease is not fatal, & frequently appears, altho' it is fatal in all other diseases. It is seated in the Bronchio. It is divided into Spasmodic & Pituitous, or dry & Humid. The former viz. the Spasmodic attacks in early life, & the latter in the decline of life. —

The Remedies for the cure of this disease, divide themselves into two grades. 1<sup>st</sup> Such as are proper for the Paroxysm. 2<sup>d</sup> Such as are proper during the Intervals. —

1 The Remedies for the Paroxysm are 1<sup>st</sup> Of when there is much oppression, Dyspnea &c. — The Pulse in this disease is not always indicative of the system, as it is not a disease of the arteries chiefly. Lope felt & acknowledged the benefit of the lancet in this disease. Bleeding shews its advantages by shortening the duration of the Fit, rendering it lighter & preventing those obstructions in the Lungs that w<sup>d</sup> end in





Consumption, Hydrothorax & Ascites - Even a pale face in this disease sh<sup>d</sup> not forbid the lancet altho' a red one is much the most common

2<sup>o</sup> Vomits are of great service by creating a new action - Squills are generally used, but Tart. Emet. or Ipecac. will do - 3<sup>o</sup> Purges - Cold air & Cold drink in great morb. excitent - When the morb. excitent is reduced, Opium, Laud: in small but frequent doses with or without Asafotida - Pediluvium, Vapour of Hot Bath alone or with horse radish in it, inhaled into the Lungs, smell of Clover, oxygen gas according to Dr Beddoes. Blisters to the wrists acts like a charm; - Mineral & Vegetable acids, smoking tobacco, Strong coffee  $\mathfrak{z}$ ss to  $\mathfrak{z}$ iv of water - Warm air & Heric Gent. you see cold & warm prescribed for the same disease - Different medicines must often be prescribed in different stages of the same disease, to suit the different states of the system. Change of air, City air is generally more agreeable to Asthma -



The first part of the paper is devoted to a  
 description of the various species of plants  
 which are found in the neighbourhood of  
 the station. The second part is devoted to a  
 description of the various species of animals  
 which are found in the neighbourhood of  
 the station. The third part is devoted to a  
 description of the various species of minerals  
 which are found in the neighbourhood of  
 the station. The fourth part is devoted to a  
 description of the various species of fossils  
 which are found in the neighbourhood of  
 the station. The fifth part is devoted to a  
 description of the various species of rocks  
 which are found in the neighbourhood of  
 the station. The sixth part is devoted to a  
 description of the various species of soils  
 which are found in the neighbourhood of  
 the station. The seventh part is devoted to a  
 description of the various species of waters  
 which are found in the neighbourhood of  
 the station. The eighth part is devoted to a  
 description of the various species of winds  
 which are found in the neighbourhood of  
 the station. The ninth part is devoted to a  
 description of the various species of clouds  
 which are found in the neighbourhood of  
 the station. The tenth part is devoted to a  
 description of the various species of rains  
 which are found in the neighbourhood of  
 the station. The eleventh part is devoted to a  
 description of the various species of snows  
 which are found in the neighbourhood of  
 the station. The twelfth part is devoted to a  
 description of the various species of frosts  
 which are found in the neighbourhood of  
 the station. The thirteenth part is devoted to a  
 description of the various species of hails  
 which are found in the neighbourhood of  
 the station. The fourteenth part is devoted to a  
 description of the various species of storms  
 which are found in the neighbourhood of  
 the station. The fifteenth part is devoted to a  
 description of the various species of earthquakes  
 which are found in the neighbourhood of  
 the station. The sixteenth part is devoted to a  
 description of the various species of volcanoes  
 which are found in the neighbourhood of  
 the station. The seventeenth part is devoted to a  
 description of the various species of comets  
 which are found in the neighbourhood of  
 the station. The eighteenth part is devoted to a  
 description of the various species of meteors  
 which are found in the neighbourhood of  
 the station. The nineteenth part is devoted to a  
 description of the various species of auroras  
 which are found in the neighbourhood of  
 the station. The twentieth part is devoted to a  
 description of the various species of eclipses  
 which are found in the neighbourhood of  
 the station.



ties than that of the Country, as its temperature is more equable. This equality of temperature may be owing to the large quantity of Electricity in a town, or to what produces our bilious & Malignant fevers, as Marsh Miasmata &c. The Barometer shows the changes in the weather much sooner in the Country than in the City. Is Asthma a curable disease? Or can it be prevented? Yes by two circumstances - Nature & Accident. It is cured sometimes by Pregnancy - 2<sup>d</sup> By the cessation of the menses, or at the period in which they cease. 3<sup>d</sup> By a new disease invading morbid action to some particular part. 4<sup>th</sup> By a change of Climate. This depends on the Asthma, whether it be dry or Spasmodic, or Putridous or Humid - if the last, dry air is proper & vice versa. Dr Thomas Reid recommends a sponge filled with water to be held in the mouth. A vessel of water put into a stove to moisten the air. Altho' the moist air





near the sea shore is proper in the Dry Asthma yet in the pituitous or mucous asthma, a dry air is best. Dr Jones was rarely affected with asthma in Philadelphia, but while in New York was very constantly affected with it. He took a double dose of Opium the night of his death & was found dead the next morning.

II<sup>d</sup> The Remedies proper during the Intervals are 1<sup>st</sup> Avoiding Plethora by occasional V. of low diet & 2<sup>d</sup> Avoiding all the exciting Causes. 3<sup>d</sup> A seton in the side or issues in the arms 4<sup>th</sup> Exercise by hard labour, but when the patient is unable to labour, gentle exercise by long journeys, on horseback especially, are proper & even partial exercise is proper, as rowing raising weights, playing shuttlecock &c are proper Cold bath has been said to be of service - 5<sup>th</sup> A recurrence of Old or accustomed Habits. Case of a Lady who upon leaving off the practice of taking snuff, was seized with Asthma, which after the continuance of 6 mo<sup>s</sup> was cured by





resorting to Snuff. A diet of Garlic. Oil of  
 Amber, or Tar in the way most agreeable to the  
 Patient. The habitual use of Oxyd of Iron, & in  
 large doses, sleeping on a mattress. - All dis-  
 eases are more or less of the Intermittent form,  
 & therefore the nearer these medicines are given  
 to the accession of a Fit of Asthma the better.  
 Lastly, a change of Climate, residence or occu-  
 pation. Persons have been cured by going from  
 Naples to Vienna & vice versa. -

## Dyspnea.

This is known by a difficulty of respiration  
 & sometimes a Cough. - The Causes are con-  
 traction of the Thorax, Tumours in the Trachea,  
 enlargement of the Liver, Uterus & pressing up  
 the abdominal viscera, & thereby lessening the  
 cavity of the Thorax. This disease is often in-  
 curable. tho' not always insupportable. When  
 it arises from tumours on the Trachea, they sh<sup>d</sup>  
 be punctured. Case of a patient who had Dysp.



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near I complained of a pain in the Throat. I  
 blistered but found no advantage therefrom,  
 he died, & on examination, the Lungs & Vis-  
 cera were perfectly sound. I then examined  
 the place in the Trachea where he complained  
 of pain & found a Tumour as large as a com-  
 mon nut filled with about a teaspoonful  
 of black & whitish matter. I did not then  
 recollect of ever reading of a similar case  
 but to my great grief found that Morgagni  
 had mentioned one; & I am convinced that  
 if a lancet had been passed between the  
 rings of the Trachea at the place of pain so  
 as to divide this tumour, the patient w<sup>d</sup>  
 have recovered. - If it arises fr<sup>m</sup> Pregnancy,  
 the body sh<sup>d</sup> be compressed with Bandages;  
 if fr<sup>m</sup> fat use exercise & so as to lessen the  
 fat. -

This disease is distinguished fr<sup>m</sup> Asthma  
 by not having intervals. -

angina Pectoris



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$$\begin{array}{r} 13 \\ 7 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 18 \\ 2 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 15 \\ 7 \\ \hline 22 \end{array}$$

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Presented by

John Bernard Flick, M.D.



